

THE
FARMER'S ALMANACK,
 CALCULATED ON A NEW AND IMPROVED PLAN,
 FOR THE YEAR OF OUR LORD

1847;

Being 3rd after Bissextile or Leap Year, and 71st of Am. Independence.

Fitted to the city of Boston, but will answer for the adjoining States.

Containing, besides the large number of Astronomical Calculations,
 and the Farmer's Calendar for every month in the year,
 as great a variety as any other Almanack of

NEW, USEFUL, AND ENTERTAINING MATTER.

ESTABLISHED IN 1793.

BY ROBERT B. THOMAS.



Be gracious, Heaven! and when laborious man
 Has done his part, ye fostering breezes, blow!
 Ye softening dews, ye tender showers, descend!
 And temper all, thou world-reviving sun,
 Into the perfect year. — Thomson.

BOSTON:

PUBLISHED AND SOLD BY JENKS & PALMER.

Sold, also, by most Booksellers and Traders throughout the New England States.

[Entered, according to act of Congress, in the year 1846, by J. H. Jenks and G. W. Palmer, in the Clerk's Office of the District Court of Massachusetts.]

TO PATRONS AND CORRESPONDENTS.

In presenting to our friends the *Fifty-fifth Number of the Almanac*, our pleasure is saddened by deep and heartfelt regret, at having to announce the death of the senior editor of the work, whose name it bears. He died May 19th, 1846, aged 80, after a long and useful life, beloved and respected by all who knew him, in deed and in truth, "that noblest work of God, an honest man." We feel that it is due to him, that this testimony to the purity of his character should be recorded here. He was a man of strong practical good sense, "kind of heart and open of hand," virtuous, upright, and scrupulously honorable in all his dealings.

Previous to Mr. T.'s death, arrangements were made with the Publishers of the Almanac, for its continuance, and matter for succeeding numbers having been furnished us, it will be issued annually as heretofore, and we hope, with the assistance and encouragement of the friends of the work, numerous and kind as they have ever been, to continue the Almanac, (the oldest one in the country,) through the present century, at least. Under these circumstances, and from respect to the memory of Mr. T. who first planned the Almanac, and has edited it so long, and whose name is associated with it in the minds of the friends of the work, that name will always be connected with it in future as in past time.

We trust as its old familiar face greets those who have been its friends for many years, it will ever be found as worthy of their patronage and regard, as in its, and their own, more youthful days, and increasing in usefulness as it increases in years, its hundredth number, greeting in mutual prosperity, them, their children, or their children's children, may be found the same valued companion that it has ever been.

No pains or expense have been spared to make the Almanac correct, in its various particulars, where corrections were required. The Courts have been revised by the most recent records of changes in the times of holding them, and it will be our aim to keep them correct in future numbers.

J. W. D. and B. B., (who has been our contributor for forty years,) will please accept our thanks for their contributions. We hope they will continue their favors.

Our acknowledgments are due to A. F., J. W. W., and M. T.; also to Mr. J. W., of E. G. in Rhode Island, who sent us the revised Courts in that state.

The Fitchburg R. R. made one dividend of 4 per cent. in 1845, the road not having been in operation the whole year. In a few copies, Florida was accidentally inserted as a territory, on page 45. The State was admitted to the Union in 1845, with 3 Electoral votes.

We shall feel obliged for any corrections of Courts, &c., and if correspondents and friends will forward their favors, directed to the Editor of the Old Farmer's Almanac, care of the Publishers, by the first of July in each year, they will meet attention.

OBSERVATIONS ON THE WEATHER THE YEAR PAST, COMMENCING SEPT. 1, 1845, AND ENDING AUG. 15, 1846. RECORD KEPT NEAR OBSERVATORY, CAMBRIDGE, MASS.

September—3d, 1845, fine rain; 8th to 12th, pleasant; 13th, white frost; 14th, SE rain all day; 15th, fine; 21st, rain all day; 23d, some white frost; 24th, NE storm; 27th to 30th, pleasant.

October—1st, rain; 5th and 6th, rain; 8th, pleasant; 9th to 11th, east storm; 12th, rain; 13th, pleasant; 16th and 17th, hard frost; 21st, very cold; 27th, pleasant.

November—2d, east storm till 4th, P. M., with thunder and lightning; 5th, pleasant; 18th, rain; 24th, pleasant; 27th, rain, *Thanksgiving*; 30th, first snow.

December—1st, heavy rain; 2d, pleasant; 4th, 3 inches snow, A. M., rain, P. M.; 5th, trees covered with ice, sleighing; 22d, rain, sleighing gone; 20th, 2 inches snow; 21st to 23d, pleasant; 25th and 26th, snow storm, excellent sleighing.

January—1, 1846, pleasant; 2d, rain, sleighing gone; 3d to 6th, pleasant; 7th, rain; 17th, NE snow storm, about 10 inches snow, badly drifted; 22d, blustering and cold; 26th, sleighing gone; 30th and 31st, rain, very muddy.

February—1st, storm continues; 7th, light snow; 8th to 10th, pleasant; 11th, easterly snow storm—5 inches snow; 12th, pleasant, excellent sleighing; 15th, very severe snow storm, with high wind, 12 inches snow; 19th, coldest morning; 20th, violent gale and snow storm; 26th, very cold and windy.

March—1st, pleasant; 14th, rain; 15th, snow all gone; 16th, easterly storm; 17th, pleasant, but windy; 24th, blue-birds appear; 25th to 26th, easterly storm; 28th, pleasant.

April—1st to 8th, pleasant; 15th, rain; 16th to 29th, pleasant; 28th, cherries and plums full blossom; 30th, rain. Very dry April.

May—1st, pleasant, A. M., rain, P. M.; 7th, white frost; 10th, rain; 13th, pleasant, white frost; 21st, frost near Boston; 23d and 24th, rain; 25th to 31st, rainy.

June—1st, cloudy, A. M., pleasant, P. M.; 4th, pleasant, very warm; 6th, cool; 19th, showers, with thunder; 20th, storm with lightning; 22d to 29th, rather cool.

July—1st, easterly rain all day; 2d to 6th, pleasant; 10th, very hot; 11th, very hot, with shower, P. M.; 13th, pleasant and cool; 18th, rain, wind east; 23d, heavy shower; 25th, NE storm; 28th to 31st, pleasant.

August—1st to 9th, pleasant; 10th, heavy showers, with much thunder and lightning; 11th to 15th, pleasant. Grass this season better than usual. English grain and corn uncommonly fine; fruits fair; apples rather scarce; nuts very plenty.

"Sir, I say, that it is EMPLOYMENT that makes the people HAPPY."—Webster.

ECLIPSES IN 1847.

This year there will be two Eclipses of the Sun, and two of the Moon.

I. The *Moon* will be partially eclipsed March 31st; invisible at this place, but visible to nearly the whole of the Eastern Continent.

II. The *Sun* will be *totally* eclipsed April 14th and 15th; invisible here. The line of central and total eclipse will pass over the Indian Ocean, and the northern part of Australia.

III. The *Moon* will be *partially* eclipsed September 24th—invisible.

IV. The *Sun* will be annularly eclipsed October 9th—invisible at this place. This eclipse will be visible to the whole of Europe, nearly the whole of Asia, and the northern part of Africa.

THE NAMES AND CHARACTERS OF THE PLANETS.

☉ The Sun.	⊕ The Earth.	♄ Saturn.	♊ Juno.
☾ The Moon.	♂ Mars.	♃ Herschel.	♄ Pallas.
☿ Mercury.	♃ Jupiter.	♁ Vesta.	♀ Ceres.
♀ Venus.			

THE NAMES AND CHARACTERS OF THE ASPECTS.

♌ Conjunction, or in the same degree.	♐ Opposition, 180 degrees.
* Sextile, 60 degrees.	♏ Dragon's Head, or Ascending Node.
□ Quartile, 90 degrees.	♍ Dragon's Tail, or Descending Node.
△ Trine, 120 degrees.	

THE NEW ENGLAND STATES—MASSACHUSETTS—BOSTON.

The New England States had in 1840, 2,235,000 inhabitants. New York state had then 2,400,000. (London, the greatest length of which is 8 miles, had, in 1841, 2,103,000.) Massachusetts has the densest population of any state in the Union, being 94 to the square mile, Rhode Island has 80, Connecticut 66, New Hampshire 30, Vermont 28, Maine 15, leaving off fractions in each case. The last three being engaged largely in agriculture will account for the lowness of the ratio. The people of Massachusetts annually produce 50 per cent. more property than any equal population in the United States. Though not one sixth of New York in extent, she has 700 miles of rail-roads in operation, while New York has only about half this. Vermont, of the several States, takes the lead in the amount produced by agriculture per head, and must be considered the most thrifty and industrious state in this respect. The average number of inhabitants each square mile in the United States is 16½. In England the population to a square mile is 260; if Massachusetts was as densely peopled it would contain about 2,000,000, or nearly as many inhabitants as the whole New England States did in 1840. If the whole United States were as populous per square mile as England, they would contain 270 millions of persons. According to the existing ratio of increase, this will be brought about in 100 years. Is a summary of industrial statistics of Massachusetts, compiled by J. G. Palfrey, Esq., Secretary of State, agreeably to instructions from the Legislature, to the year ending April, 1845, a copy of which is before us, he gives the amount of 114 millions of dollars as the annual product of industry in this state, and the capital employed in various pursuits, as 59 millions. Number of hands employed in those pursuits 153 thousand. The cattle and stock returned were about 802 thousand—value, 10 and a quarter millions of dollars. The citizens of Boston alone have 20 millions of dollars invested in rail-roads; they have bestowed, within the present century, upon various objects, educational, charitable, and miscellaneous, nearly five millions of dollars. The people of the New England States have never been so energetic in efforts for Education as now. Mass., Vt., and R. I. have taken the lead in the cause, and the other States are fast following their noble example, thus laying the best foundation for permanent prosperity.

HOME QUESTIONS FOR THE NEW YEAR.

Do you take receipts for the cash you pay away? A receipt book costs but little, and it would take many to pay the expenses of one lawsuit. Do you absolutely forbid the putting of ashes into wooden boxes, barrels, or other things of wood, in or about your premises? Do you know two worse incendiaries than neglected ashes and friction matches about the house? Look out for them! Would not it be better, conduce more to our own happiness and that of those around us, if, instead of trying to see in how many things we differed, and could argue about, we tried to find in how many points we could agree? Good farmers say that a plough-share should always be kept bright! Do you know of a better way of keeping yours so, than by constantly working it through your soil? Have you a regular habit of doing what you are to do, promptly at the proper time, without procrastination? Are your children regular in their attendance at school? Do you forbid the use of fire-arms about your premises? Do you realize that you are unjust as well as annoying when you are not punctual? and that it is no more "three o'clock until it is four," as tardy people sometimes say, than it is New Year's day until December? Are all your family vaccinated?

COLLEGE VACATIONS.

HARVARD.—1st, from the end of the first term, 6 w.; 2d, from the end of the second term, to Fri. after Com.; the academical year being divided into 2 terms of 20 weeks each, and beginning at Com., the 4th Wed. of Aug.

AMHERST.—Com. on the 2d Thur. of Aug. Vacation 4 w. from Com.; 6 w. from the Wed. preceding the annual Thanksgiving; 2 w. from the 3d Wed. of April.

YALE.—Com. 6 w. (3d Thur. in Aug.) First Wed. in Jan., 2 w. Last Wed. in April, 4 w.

BURLINGTON.—Com., 4 w. 1st Wed. in Dec. 8 w. and 1 w. from 2d Wed. in May.

DARTMOUTH.—Com. last Thur. of July. Vacation, 4 w. from Com., 7 w. beginning in Nov., and two w. in May.

PROVIDENCE.—Dec. 10th, 3 w. March 31st, 3 w. July 21st, till Com.

WILLIAMSTOWN.—Com. 4 w. Wed. after 3d Wed. in Dec., 6 w. First Wed. in May, 3 w.

MIDDLEBURY.—Com. 4 w. Last Wed. in Nov. 8 w. 1 w. from 4th Wed. in April.

BOWDOIN.—Com., 4 w. Fri. after the 3d Wed. in Dec. 8 w. Fri. after the 3d Wed. in May, 2 w.

EXECUTIVE GOVERNMENT OF THE UNITED STATES, (Aug. 1846.)

JAMES K. POLK,	Tennessee,	<i>President,</i>	\$25,000
George M. Dallas,	Pennsylvania,	<i>Vice President,</i>	5,000
James Buchanan,	"	<i>Secretary of State,</i>	6,000
George Bancroft,	Massachusetts,	<i>Secretary of the Navy,</i>	6,000
William L. Marcy,	New York,	<i>Secretary of War,</i>	6,000
Robert J. Walker,	Mississippi,	<i>Secretary of the Treasury,</i>	6,000
Cave Johnson,	Tennessee,	<i>Postmaster General,</i>	6,000
John Y. Mason,	Virginia,	<i>Attorney General,</i>	4,000

AMERICAN PRESIDENTS.

		22, 1732	Inaug. 1789	Term exp'd	66th yr. of age.
George Washington,	Born Feb.	Oct. 19, 1735	1797	do.	
John Adams,	April 2, 1743	1801	do.		
Thomas Jefferson,	March 5, 1751	1809	do.		
James Madison,	April 2, 1759	1817	do.		
James Monroe,	July 11, 1767	1825	63d.		
John Quincy Adams,	March 15, 1767	1829	70th.		
Andrew Jackson,	Dec. 5, 1782	1837	59th.		
Martin Van Buren,	Feb. 9, 1773	1841	69th.		
William Henry Harrison,	March 29, 1790	1841	51st.		
John Tyler,	Nov. 2, 1795	1845			
James K. Polk,					

COMMON NOTES FOR 1847.

Golden Number	5	Dominical Letter	C.	Roman Indiction	5
Cycle of the Sun	8	Epact	14	Julian Period	6560

THE NAMES AND CHARACTERS OF THE TWELVE SIGNS OF THE ZODIAC.

0 ♈ Aries, head.	4 ♌ Leo, heart.	8 ♐ Sagittarius, thighs.
1 ♉ Taurus, neck.	5 ♍ Virgo, belly.	9 ♑ Capricornus, knees.
2 ♊ Gemini, arms.	6 ♎ Libra, reins.	10 ♒ Aquarius, legs.
3 ♋ Cancer, breast.	7 ♏ Scorpio, secrets.	11 ♐ Pisces, feet.

LEGAL TENDER OF GOLD AND SILVER COIN.

American Eagle coined prior to		Florin of Austrian Empire and	
July 31, 1834, 270 gr. is	\$10 66	city of Augsburg,	48s
Half Eagle, 135 gr. is	5 33	Specie Dollar of Sweden & Norway,	1 06
Eagles coined since July, 1834,	10 00	" " " Denmark,	1 05
Parts in proportion.		Thaler of Prussia & Northern States	
Doublon, 17 dwt. 8 gr. is	15 58	of Germany,	69
Half Johannes, 9 dwt. is	8 53	Pound of N. Scotia, New Brun-	
British Sovereign, 5 dwt. 3½ gr. is	4 87	wick, Newfoundland, and	
French Napoleon, 4 dwt. 3½ gr. is.	3 86	Canada,	4 00
Spanish Dollar, 17 dwt. 7 gr. is	1 00	Lira of the Lombardo Venetian	
Mexican Dollar, 17 dwt. 7 gr. is	1 00	Kingdom, and Tuscany,	16
Peruvian Dollar, 17 dwt. 7 gr. is	1 00	Franc of France and of Belgium	
Chili Dollar, 17 dwt. 7 gr. is	1 00	and Livre of Sardinia,	18 6-10 cts.
Central America, 17 dwt. 7 gr. is	1 00	Ducat of Naples,	80 cts.
Florin of Southern German States,	40	Piastre of Turkey,	4 2-5 cts.

MOVABLE FEASTS AND FASTS FOR 1847.

Septuag. Sunday,	Jan. 31	EASTER SUNDAY,	April 4	Whit Sunday,	May 23
Shrove Sunday,	Feb. 14	Rogation Sunday,	May 9	Trinity Sunday,	" 30
Ash Wednesday,	" 17	Holy Thursday,	" 13	Advent Sunday,	Nov. 28
First Sun. in Lent,	" 21				

WORTHLESS AND UNCURRENT BANK NOTES IN NEW ENGLAND.

Corrected by Wetherbee, Brothers, 29, State Street, Boston. Aug. 1846.

MASSACHUSETTS.		New Hampshire Bk., Portsmouth.	Wiscasset Bk., Wiscasset.				
Worthless.		Pemigewasset Bk., Plymouth.	Winthrop Bk., Winthrop.				
American Bank.	} Boston.	CONNECTICUT.					
Commercial Bk.		Worthless.					
Commonwealth Bk.		Derby Bk., Derby.	Bangor Commercial Bk., Bangor.				
Franklin Bk.		Eagle Bk., New Haven.	City Bk., Portland.				
Fulton Bk.		Uncurrent.					
Lafayette Bk.		Housatonic Bk., Bridgeport.	Citizens Bk., (old plate,) Augusta.				
Middling Interest Bk.		MAINE.					
Oriental Bk.		Worthless.					
Amherst Bk., Amherst.		Agricultural Bk., Brewer.	Mercantile Bk., Bangor.				
Berkshire Bk., Pittsfield.		Bangor Bk., of Bangor.	Westbrook Bk., Westbrook.				
Chelsea Bk., Chelsea.	} Boston.	Bath Bk., Bangor.	VERMONT.				
Essex Bk., Salem.		Castine Bk., Castine.	Worthless.				
Farmers Bk., Belchertown.		Citizen's Bk., (new plate,) Augusta.	Agricultural Bk., Troy.				
Far. & Mechanics Bk., South Adams.		Damariscotta Bk., Nobleboro'.	Bank of Bennington, Bennington.				
Hampshire Bk., Northampton.		Exchange Bk., Portland.	Commercial Bk. of Vermont, Poultney.				
Mendon Bk., Mendon.		Frankfort Bk., Frankfort.	Essex Bk., Guildhall.				
Newburyport Bk., Newburyport.		Georgia Lumber Co., Portland.	Vermont State Bk., (and branches.)				
Phoenix Bk., Charlestown.		Globe Bk., Bangor.	Windsor Bk., of Windsor.				
Phenix Bk., Nantucket.		Hallowell and Augusta Bk., Hallowell.	Uncurrent.				
Roxbury Bk., Roxbury.		Kennebec Bk., Hallowell.	St. Albans Bk., of St. Albans.				
Sutton Bk., Wilkinsville.		Keanebunk Bk., Kennebunk.	RHODE ISLAND				
City Bank, Lowell, fraud.		Lafayette Bk., Bangor.	Worthless.				
Uncurrent.		Machias Bk.	Franklin Bk., Providence.				
Hancock Bk.	} Boston.	Bank of Old Town, Orono.	Burrillville Bk., Burrillville.				
Kilby Bk.		Oxford Bk., Fryeburg.	Eagle Bk., Newport.				
Cohannet Bk., Taunton.		Passamaquoddy Bk., Eastport.	Farmers' Exchange Bk., Gloucester.				
Manf. & Mech. Bk., Nantucket.		Penobscot Bk., Bangor.	Farmers' & Mechanics' Bk., Pawtucket.				
Norfolk Bk., Roxbury.		Peoples Bk., Bangor.	Mount Hope Bk., Bristol.				
NEW HAMPSHIRE.		Saco Bk., Saco.	R. I. Agricultural Bk., Johnston.				
Worthless.		St. Croix Bk., Calais.	Uncurrent.				
Claremont Bk., Claremont.		Stillwater Canal Bk., Orono.	Pascoag Bk., Pascoag Village.				
Concord Bk., Concord.		Waldo Bk., Belfast.	Beware of altered bills; they may often be detected by holding them before a strong light.				
Hillsborough Bk., Hillsborough.		Washington Co., Calais.					
Wolfsborough Bk., Wolfsborough.	} Boston.	Waterville Bk., Waterville.					
Uncurrent.							
Grafton Bk., Haverhill.							

FOR OLD AND NEW STYLE, SEE ALMANAC FOR 1846.

YEARLY AND QUARTERLY MEETINGS OF FRIENDS IN NEW ENGLAND.

Yearly meeting, beginning with select do., 7th day after 2d 6th day, 6th month, 9th hour, morn., at Newport, R. I.—Public meeting for worship 1st day following, at Newport and Portsmouth, 10th hour, morn. and 4th after. Meeting for business at Newport 2d day following, 9th hour, morn.

This yearly meeting comprises the Quarterly Meetings of Rhode Island, Salem, Sandwich, Falmouth, Smithfield, Vassalborough, Dover, and Fairfield, held as follows, viz., *Rhode Island*—On the 1st 5th day, 8th month, Portsmouth; 1st 5th day, 11th month Somerset; 1st 5th day, 2d month, Providence; 1st 5th day, 5th month, East Greenwich. *Salem*—On the 4th 5th day, 5th month, Saybrook; 3d 5th day, 8th month, Lynn; 3d 5th day, 10th month, Ware; 3d 5th day, 1st month, Salem. *Sandwich*—On the 1st 5th days, 4th and 12th months, New Bedford; 1st 5th day, 7th month, Nantucket; 1st 5th day, 10th month, Sandwich. *Falmouth*—On the 5th day before the 1st 6th day in the month, at Windham, in the 2d and 9th months; at Falmouth in the 6th and at Durham in the 11th. *Smithfield*—On the 2d 5th day, 8th month, Bolton; 2d 5th day, 11th month, Northbridge; 2d 5th day, 2d month, Smithfield; 2d 5th day, 5th month, Northbridge. *Vassalborough*—On the 2d 6th day, 2d, 9th, and 11th months; and the 4th day before the last 6th day, 5th month, Vassalborough. *Dover, N. H.*—On the 4th 5th day in the month; at Dover, in the 4th; at North Berwick, in the 8th; at Sandwich, in the 10th; and at Rochester, upper meeting. (Meadorborough.) in the 1st. *Fairfield*—At Hallowell, on the 4th day before the 2d 6th day, in the 11th month; at Fairfield, on the 4th day before the 2d 6th days, in the 2d and 9th months; and at Hallowell on the last 6th day in the 5th month.

1847.

JANUARY, first Month.

Astronomical Calculations.

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	23	S. 2	7	22	25	13	21	32	19	20	24	25	19	2
2	22	57	8	22	17	14	21	22	20	20	11	26	18	47
3	22	52	9	22	9	15	21	11	21	19	58	27	18	32
4	22	46	10	22	1	16	21	0	22	19	45	28	18	17
5	22	39	11	21	52	17	20	48	23	19	31	29	18	1
6	22	33	12	21	42	18	20	36	24	19	17	30	17	45

○ Full Moon, 1st day, 9h. 58m. morning.

☾ Last Quarter, 9th day, 1h. 56m. evening.

● New Moon, 16th day, 8h. 1m. evening.

☾ First Quarter, 23d day, 11h. 34m. morning.

○ Full Moon, 31st day, 3h. 45m. morning.

D. M.	D. W.	r.	s.	L. D.	h.	m.	DAY'S INC.	h.	m.	☾	S.	A.	F. SEA.	h.	m.	☾'s	PLACE.	r.	s.	☾	SOU.	h.	m.
1	Friday	7	31	5	8	58	0	4	4	○			11	47		breast	○	ris.			morn.		
2	Satur.	7	31	5	8	58	0	4	4	15			morn.		breast	6	20	0	32				
3	SUN.	7	30	5	9	00	0	6	5	16			0	28		heart	7	19	1	20			
4	Mond.	7	30	5	9	00	0	6	5	17			1	4		heart	8	15	2	7			
5	Tuesd.	7	29	5	9	20	0	8	6	18			1	39		heart	9	12	2	51			
6	Wedn.	7	29	5	9	20	0	8	6	19			2	12		belly	10	10	3	35			
7	Thurs.	7	28	5	9	40	0	10	7	20			2	47		belly	11	5	4	17			
8	Friday	7	28	5	9	40	0	10	7	21			3	23		reins	morn.		4	59			
9	Satur.	7	27	5	9	60	0	12	7	22			4	0		reins	0	2	5	41			
10	SUN.	7	26	5	9	80	0	14	8	23			4	40		reins	1	0	6	25			
11	Mond.	7	26	5	9	80	0	14	8	24			5	35		secrets	2	1	7	12			
12	Tuesd.	7	25	5	9	100	0	16	8	25			6	45		secrets	3	1	8	1			
13	Wedn.	7	24	5	9	120	0	18	9	26			7	58		thighs	4	2	8	53			
14	Thurs.	7	23	5	9	140	0	20	9	27			9	10		thighs	5	2	9	48			
15	Friday	7	23	5	9	140	0	20	10	28			10	6		knees	5	59	10	46			
16	Satur.	7	22	5	9	160	0	22	10	●			10	57		knees	☾	sets	11	45			
17	SUN.	7	21	5	9	180	0	24	10	1			11	44		legs	5	56	eve	44			
18	Mond.	7	20	5	9	200	0	26	11	2			eve	30		legs	7	9	1	42			
19	Tuesd.	7	19	5	9	220	0	28	11	3			1	14		feet	8	23	2	37			
20	Wedn.	7	18	5	9	240	0	30	12	4			1	58		feet	9	34	3	32			
21	Thurs.	7	17	5	9	260	0	32	12	5			2	44		head	10	45	4	25			
22	Friday	7	16	5	9	280	0	34	12	6			3	30		head	11	53	5	17			
23	Satur.	7	15	5	9	300	0	36	12	7			4	18		neck	morn.		6	9			
24	SUN.	7	14	5	9	320	0	38	12	8			5	13		neck	1	0	7	1			
25	Mond.	7	13	5	9	340	0	40	13	9			6	21		neck	2	4	7	53			
26	Tues.	7	12	5	9	360	0	42	13	10			7	38		arms	3	3	8	45			
27	Wedn.	7	11	5	9	380	0	44	13	11			8	57		arms	3	59	9	36			
28	Thurs.	7	10	5	9	400	0	46	13	12			10	1		breast	4	49	10	27			
29	Friday	7	9	5	9	420	0	48	13	13			10	53		breast	5	34	11	16			
30	Satur.	7	7	5	9	460	0	52	14	14			11	36		heart	6	15	morn.				
31	SUN.	7	5	5	9	500	0	56	14	○			morn.		heart	○	ris.	0	3				

JANUARY hath 31 days.

1847.



The rolling years successive rise,
As often as they disappear,
And teach that only those are wise,
Who fill with virtuous acts each year.

M. D.		Courts, Aspects, Holidays, Weather, &c.	Farmer's Calendar.
1	6	Earth nearest the sun. Circum.	<i>Alive and Alert.</i>
2	7	Mid. tides. ☐ ☼ ☼	Come on, my hearties! I am
3	C.	2d S. aft. Christ. <i>More changeable,</i>	right glad once more to salute old
4	2	Newton 7*s s. 8h. 35m. e.	acquaintance. Well then, this, I
5	3	C. P. Bos. <i>with snow or</i>	think, is the fifty-fifth year since we
6	4	C. C. Camb. Ply. <i>in ap. Epiph.</i>	first shook hands, and agreed to go
7	5	Gen. El. Bos. <i>rain. Much</i>	the annual rounds together. And
8	6	Penelon d. 1715. <i>finer, but</i>	now, old friends, tell me, during all
9	7	Bat. N. O. '15. <i>very cool nights.</i>	the while have we not held pleasant
10	C.	1st Sun. in Epiph.	parlance, and set our horses well
11	2	Venus sets 5h. 9m. eve.	together, as always it becometh
12	3	Very low <i>White</i>	honest farmers to do? Hah! "why
13	4	♂ ♀ frost and	to be happy then one moment for-
14	5	♂ runs low. tides.	bear, lest some trouble or some sor-
15	6	Sirius sou. 6 ♀ 7*s south	row may fall to our share?" It is a
16	7	Gibbon d. '94. <i>change-</i>	cold, inclement season, white earth
17	C.	2d Sun. in Ep. 6 ♀ D <i>able.</i>	and blue sky. But what of that?
18	2	C. C. P. Worc. D in per.	Keep the blood in motion, no danger
19	3	Ind. ack. by G. B. '83.	of a freeze then. Must a farmer be
20	4	Howard d. 1790. <i>Wind</i>	crouched in a bunk all winter, and
21	5	S. W. <i>with some rain.</i>	be of use to no one? This is an
22	6	Byron b. '83. 6 D ♀	egregious mistake. Look, friend,
23	7	Pitt d. 1806. Y'd. L. s. 9h. 16m.	at your paper, and there you will
24	C.	♀ in aph. 3d S. in Ep.	find business laid out for each
25	2	Con. St. Paul. 6 D ♀	month in the year. Be wide awake
26	3	Bona. escaped from Elba, '15. <i>Pleasant for</i>	in industry, alive and alert in that
27	4	D runs high. <i>the season.</i>	for which you was created, which is
28	5	Peter the Gr. d. 1725.	to "use the world, as not abusing
29	6	Geo. III. d. 1820. <i>High</i>	it," and following the golden rule
30	7	7*s sou. 6h. 48m. tides.	of doing kind offices to all around,
31	C.	Septuagesima Sun. Cold Tuesday, 1815. <i>Snow.</i>	and no gossiping. Attention to busi-

ness makes a man cheerful; but a
lounger is ever on the growl. Who
wants to deal, at all, with the churl-
ish and morose? A cordial and
pleasant *how fare ye* is not congenial
with him. Now, from such a neigh-
bor I'm off.

1847.

FEBRUARY, second Month.

Astronomical Calculations.

Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	17	S. 11	7	15	24	13	13	28	19	11	23	25	9	12
2	16	54	8	15	5	14	13	7	20	11	2	26	8	50
3	16	37	9	14	46	15	12	47	21	10	40	27	8	28
4	16	19	10	14	27	16	12	26	22	10	18	28	8	5
5	16	1	11	14	7	17	12	5	23	9	57			
6	15	43	12	13	48	18	11	44	24	9	34			

☾ Last Quarter, 8th day, Sh. 55m. morning.

☉ New Moon, 15th day, 6h. 42m. morning.

☽ First Quarter, 21st day, 1h. 15m. evening.

D. M.	D. W.	☉	L. D.	DAY'S INC.	☉	☽	F. SEA.	☽'s	☽	☽ SOU.
		r. s.	h. m.	h. m.	s.	A. h. m.	PLACE.	r. s.	h. m.	
1	Mond.	7 55	9 50	0 56	14 16	0 13	heart	7 2	0 48	
2	Tuesd.	7 45	9 52	0 58	14 17	0 45	belly	8 0	1 31	
3	Wedn.	7 35	9 56	1 2	14 18	1 17	belly	8 56	2 14	
4	Thurs.	7 15	9 58	1 4	14 19	1 47	reins	9 53	2 56	
5	Friday	7 05	10 0	1 6	14 20	2 9	reins	10 50	3 38	
6	Satur.	6 59	10 2	1 8	14 21	2 49	reins	11 49	4 21	
7	SUN.	6 58	10 6	1 12	14 22	3 24	secrets	morn.	5 6	
8	Mond.	6 56	10 8	1 14	14 23	4 0	secrets	0 47	5 52	
9	Tuesd.	6 55	10 10	1 16	15 24	4 44	thighs	1 45	6 42	
10	Wedn.	6 54	10 12	1 18	15 25	5 45	thighs	2 45	7 34	
11	Thurs.	6 52	10 16	1 22	15 26	7 7	thighs	3 41	8 29	
12	Friday	6 51	10 18	1 24	15 27	8 28	knees	4 36	9 26	
13	Satur.	6 50	10 20	1 26	15 28	9 42	knees	5 26	10 24	
14	SUN.	6 49	10 22	1 28	14 29	10 36	legs	6 12	11 23	
15	Mond.	6 47	10 26	1 32	14	11 24	legs	☽ sets	eve 21	
16	Tuesd.	6 46	10 28	1 34	14	1 eve 12	feet	7 11	1 17	
17	Wedn.	6 45	10 30	1 36	14	2 0 56	feet	8 1	2 13	
18	Thurs.	6 43	10 34	1 40	14	3 1 40	head	9 38	3 8	
19	Friday	6 42	10 36	1 42	14	4 2 23	head	10 48	4 2	
20	Satur.	6 40	10 40	1 46	14	5 3 7	neck	11 52	4 55	
21	SUN.	6 39	10 42	1 48	14	6 3 50	neck	morn.	5 49	
22	Mond.	6 38	10 46	1 52	14	7 4 39	arms	0 56	6 42	
23	Tuesd.	6 36	10 48	1 54	14	8 5 42	arms	1 52	7 33	
24	Wedn.	6 35	10 50	1 56	13	9 7 7	breast	2 47	8 24	
25	Thurs.	6 33	10 54	2 0	13	10 8 29	breast	3 33	9 13	
26	Friday	6 32	10 56	2 2	13	11 9 44	breast	4 15	10 0	
27	Satur.	6 31	10 58	2 6	13	12 10 33	heart	4 51	10 44	
28	SUN.	6 29	11 2	2 8	13	13 11 15	heart	5 24	11 28	

VENUS will be evening star until September 29th, then morning star the rest of the year. JUPITER will be evening star until June 20th, then morning star the rest of the year.



Now winter with his icy shroud
Wraps nature in one general gloom;
The piercing winds blow long and loud,
And make us fear a snowy tomb.

M. D.	W. D.	Courts, Aspects, Holidays, Weather, &c.	Farmer's Calendar.
1	2	<i>Grows more moderate.</i>	<i>Carefulness.</i>
2	3	Purif. or Cand.	Shut, shut the door, John. Tush!
3	4	D in apog. Mid. tides.	I wouldn't give a whistle for a
4	5	J. Rogers burnt, 1555.	farmer that never attends to the
5	6	{ Agath. R. Williams arrived, 1831. <i>Cooler,</i>	minutiae of matters and things. Put
6	7	{ Treaty with Fr. 1778. Qualla Battoo des. 1832. <i>with</i>	up the bars,—close the gates,—shut
7	C.	7*s sou. 6h.13m. ♂ ♀ h	the doors, and keep everything in
8	2	{ Venus sets 6h.21m.eve. C. P. Spring'd, Camb. <i>signs</i>	its proper place. Does not this pre-
9	3	Low of snow. <i>Very</i>	vent a great deal of fretting and
10	4	Dr. low. Vict. mar'd. '40.	fidgeting? The careless, heedless,
11	5	{ Dr. W. Clinton d. 1828. ♂ ♀ ♂ tides.	negligent man is not aware how
12	6	<i>mild for the season.</i>	much may be saved by having his
13	7	Sirius sou. 8h.56m.	thoughts about him. Cozy Caleb,
14	C.	Shrove Sun. Valen. d.	as they call him, is ever a good
15	2	{ C. P. North. D in p. ♂ ♀ h	neighbor for the matter of doing a
16	3	{ S. J. C. Ded. Lind. Mur. d. 1826. ♂ ♀	kindness, or so, but then, little does
17	4	Ash W. 7*s s. 5h.32m.	Caleb consider that he is sometimes
18	5	M. Lut. d. 1546. ♂ D H	at the bottom of no little vexation,
19	6	Galileo b. 1564. ♂ ♀ h	aggravation and botheration. If he
20	7	7*s sou. 5h.15m. Mid.	borrows a tool, then look out for him.
21	C.	{ 1st Sun. tides. <i>Snow may</i>	He is sure to lay it down where he
22	2	{ in Lent. C. P. Len. Wash. b. 1732. ♂ D ♀ ☺ ♂ ♀	last used it. <i>You</i> must then look it
23	3	D runs high. <i>be</i>	up. He will send for your news-
24	4	St. Matthias. <i>expected</i>	paper, before it is dry from the press,
25	5	♀ sets 7h.5m.eve. Tides	and return it next week. Well now,
26	6	☐ ♀ ☺ <i>at this time.</i>	there is but one way to take, in
27	7	increasing. <i>Some</i>	dealing with neighbor Caleb, which
28	C.	{ 2d Sun. in Lent. <i>rain.</i>	is to be right up and down with

him. Let him know on what you are resolved;—I will and I won't;—you shall and you shan't; “so there is an end to the worsted!” Let us now quit Cozy and talk about the haymow and the stock, and other barnhold matters. No scattering about these times, for hay will be hay in the spring, I have no doubt of it. A carding will do your cattle no injury; so give them a little scratching every day.

1847.

MARCH, third Month.

Astronomical Calculations.

☉'s Declination.	Days. d. m.			Days. d. m.			Days. d. m.			Days. d. m.			Days. d. m.		
	1	7	S. 42	7	5	24	13	3	3	19	0	41	25	1	41
	2	7	19	8	5	1	14	2	40	20	0	17	26	2	4
	3	6	57	9	4	37	15	2	16	21	N.	6	27	2	28
	4	6	34	10	4	14	16	1	52	22	0	30	28	2	51
	5	6	10	11	3	50	17	1	28	23	0	54	29	3	15
	6	5	47	12	3	27	18	1	5	24	1	17	30	3	38

- Full Moon, 1st day, 10h. 25m. evening.
 ☾ Last Quarter, 9th day, 11h. 55m. evening.
 ● New Moon, 16th day, 4h. 27m. evening.
 ☽ First Quarter, 23d day, 0h. 57m. evening.
 ○ Full Moon, 31st day, 4h. 33m. evening.

D. M.	D. W.	☉	L. D.	DAY'S INC.	☉	☽	F. SEA.	☽'s	☽	☽ SOU.
		r. s.	h. m.	h. m.	S.	A.	h. m.	PLACE.	r. s.	h. m.
1	Mond.	6 28	6 11	6 2	12	12	11 50	belly	5 55	morn.
2	Tuesd.	6 26	6 11	8 2	14	12	15	morn. belly	○ ris.	0 12
3	Wedn.	6 25	6 11	10 2	16	12	16	0 23	belly	7 46
4	Thurs.	6 24	6 11	12 2	18	12	17	0 52	reins	8 43
5	Friday	6 22	6 11	16 2	22	11	18	1 21	reins	9 41
6	Satur.	6 21	6 11	18 2	24	11	19	1 52	secrets	10 38
7	SUN.	6 19	6 11	22 2	28	11	20	2 20	secrets	11 36
8	Mond.	6 18	6 11	24 2	30	11	21	2 53	secrets	morn.
9	Tuesd.	6 16	6 11	28 2	34	11	22	3 30	thighs	0 35
10	Wedn.	6 15	6 11	30 2	36	11	23	4 14	thighs	1 30
11	Thurs.	6 13	6 11	34 2	40	10	24	5 9	knees	2 23
12	Friday	6 12	6 11	36 2	42	10	25	6 28	knees	3 13
13	Satur.	6 11	6 11	38 2	44	10	26	7 55	legs	4 0
14	SUN.	6 9	6 11	42 2	48	9	27	9 15	legs	4 44
15	Mond.	6 8	6 11	44 2	50	9	28	10 14	feet	5 23
16	Tuesd.	6 6	6 11	48 2	54	9	● 11	3	feet	6 1
17	Wedn.	6 5	6 11	50 2	56	9	1	11 49	head	☽ sets
18	Thurs.	6 3	6 11	54 3	0	8	2	eve 33	head	8 24
19	Friday	6 2	6 11	56 3	2	8	3	1 17	neck	9 34
20	Satur.	6 0	6 12	0 3	6	8	4	2 0	neck	10 41
21	SUN.	5 59	7 12	2 3	8	7	5	2 42	arms	11 43
22	Mond.	5 58	7 12	4 3	10	7	6	3 26	arms	morn.
23	Tuesd.	5 57	7 12	6 3	12	7	7	4 15	arms	0 40
24	Wedn.	5 55	7 12	10 3	16	6	8	5 12	breast	1 29
25	Thurs.	5 54	7 12	12 3	18	6	9	6 32	breast	2 12
26	Friday	5 52	7 12	16 3	22	6	10	7 54	heart	2 50
27	Satur.	5 51	7 12	18 3	24	6	11	9 9	heart	3 36
28	SUN.	5 49	7 12	22 3	28	5	12	10 5	belly	3 58
29	Mond.	5 48	7 12	24 3	30	5	13	10 47	belly	4 27
30	Tuesd.	5 46	7 12	28 3	34	5	14	11 19	belly	4 56
31	Wedn.	5 45	7 12	30 3	36	4	○ 11	50	reins	5 23

MARCH hath 31 days.

1847.



But now the raging storm is o'er,
 The sun looks down with smiling beams,
 And snow and ice are seen no more—
 They melt away in gentle streams.

M.	D.	W.	Courts, Aspects, Holidays, Weather, &c.	Farmer's Calendar.
1	2	{ C.P. Worc. Texas annex. '46.	<i>Cool and</i>	<i>Euroclydon.</i>
2	3	{ S.J.C.L. Bos. C.C. Gr'f. North.	<i>D in apo.</i>	The uneasy farmer boy would
3	4	7*s sou.	4h.32m. <i>blus-</i>	fain go a whaling. No persuasion
4	5	29th Cong.	Ends. <i>Mid</i>	could prevent his taking "a little
5	6	Dr. Parr d.	1825. <i>tides.</i>	bit of a trip" to try the pleasures
6	7	Venus sets	7h.26m.eve.	and comforts of a greasy sea life
7	C.	{ 3d S.in Lent.	<i>tering. Some</i>	upon the Pacific. And there was
8	2	{ C.P.Tau. Con.	<i>♀ in perih. snow.</i>	he tost up and down, "like an egg-
9	3	Siri. sou.	7h.25m. <i>Fine,</i>	shell upon the ocean." Loud roared
10	4	<i>D runs low.</i>	{ Great fire Pittsburg.	the dreadful tempest, smiting smack-
11	5	B. West d.	1820. <i>Low</i>	smooth the deck! Poor sailor lad!
12	6	Gregory.	<i>♂ D ♂ tides.</i>	Hear him cry,—"O, for a safe foot-
13	7	<i>♀ s.</i>	7h.44m.eve. <i>♂ ♀ ♀</i>	hold in my father's barn-yard!"
14	C.	{ 4th S.in Lent.	<i>followed with</i>	Ay, how would his trembling heart
15	2	{ C.P.Sal. Gr'f.	<i>♂ C h snow</i>	then bounce in exultation! Ye
16	3	<i>D in peri.</i>	C.C.Bri.Ply.	farmers' sons, be still; be content,
17	4	St. Pat. Day,	<i>and rain.</i>	and away with this restless folly.
18	5	{ Stamp Act repealed.	<i>♂ D ♀ ♀ ♀</i>	Amidst all this terrific uproar, and
19	6	Tides	<i>♂ ♀ ♀ Bluster-</i>	lashing and crashing of the elements,
20	7	{ Gr. fire in Bos. 1760.	<i>quite high. ing,</i>	think how safe and how happy you
21	C.	{ 5th S. in Lent.	<i>♂ stat. ♂ C ♀</i>	can be in the peaceful domiciles of
22	2	<i>D runs high.</i>	<i>with more</i>	your fathers. "Howl, winds, and
23	3	{ C.C. Worc. Tau.	<i>♂ ♀ ♀ rain.</i>	crack your cheeks," and hail and
24	4	7*s set	10h.48m. <i>Mid</i>	snow come on and dash at our win-
25	5	Ann. or Lady d.	<i>Very</i>	dows, yet we are snug by our fire-
26	6	{ J. Winthrop d. 1549.	<i>tides. fine, with</i>	sides, and fear no harm. Our domes-
27	7	Peace Amiens	1802.	tic concerns move on without let or
28	C.	{ Palm Sun.	<i>showers of rain.</i>	hindrance; our cattle are secure in
29	2	<i>D in apo.</i>	<i>Tides Cooler,</i>	their stalls, our swine are not dis-
30	3	<i>but fine for the season.</i>		turbed in their snoring, and even
31	4	<i>D ecl. invis. increasing.</i>		the fowls, upon their roosts, seem to
				cackle and crow in derision of the
				storm. Zounds! our little garden
				spot is worth more than all the
				oceans. Now, you can train up your
				stock "in the way they should go;"
				then, why not these boys? See to
				the business; for it is time.

1847.

APRIL, fourth Month.

Astronomical Calculations.

☾'s Declination.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
	1	4	N. 25	7	6	42	13	8	55	19	11	3	25	13	5
	2	4	48	8	7	5	14	9	17	20	11	24	26	13	24
	3	5	11	9	7	27	15	9	39	21	11	44	27	13	43
	4	5	34	10	7	49	16	10	0	22	12	5	28	14	2
	5	5	57	11	8	11	17	10	21	23	12	25	29	14	21
	6	6	19	12	8	33	18	10	42	24	12	45	30	14	40

☾ Last Quarter, 8th day, 10h. 42m. morning.

● New Moon, 15th day, 1h. 38m. morning.

☽ First Quarter, 22d day, 4h. 25m. morning.

○ Full Moon, 30th day, 5h. 42m. morning.

D. N.	D. W.	☼ r. s.	L. D. h. m.	DAY'S INC. h. m.	☾ s.	☽ A.	F. SEA. h. m.	☽'s PLACE.	☽ r. s.	☽ SOU. h. m.
1	Thurs.	5 43 7	12 34	3 40	4 16	morn.	reins	○ ris.	0 17	
2	Friday	5 42 7	12 36	3 44	4 17	0 22	reins	8 32	1 1	
3	Satur.	5 40 7	12 40	3 46	3 18	0 54	secrets	9 31	1 46	
4	SUN.	5 39 7	12 42	3 48	3 19	1 24	secrets	10 29	2 33	
5	Mond.	5 37 7	12 46	3 52	3 20	1 56	thighs	11 25	3 22	
6	Tuesd.	5 36 7	12 48	3 54	3 21	2 29	thighs	morn.	4 13	
7	Wedn.	5 35 7	12 50	3 56	2 22	3 7	knees	0 17	5 6	
8	Thurs.	5 33 7	12 54	4 0	2 23	3 54	knees	1 9	5 59	
9	Friday	5 32 7	12 56	4 2	2 24	4 50	legs	1 54	6 54	
10	Satur.	5 31 7	12 58	4 4	1 25	6 8	legs	2 37	7 48	
11	SUN.	5 29 7	13 2	4 8	1 26	7 31	legs	3 16	8 43	
12	Mond.	5 28 7	13 4	4 10	1 27	8 48	feet	3 54	9 37	
13	Tuesd.	5 26 7	13 8	4 14	1 28	9 50	feet	4 32	10 32	
14	Wedn.	5 25 7	13 10	4 16	0 29	10 39	head	5 10	11 28	
15	Thurs.	5 24 7	13 12	4 18	F. ●	11 25	head	☽ sets	eve 24	
16	Friday	5 22 7	13 16	4 22	0 1	eve 10	neck	8 18	1 21	
17	Satur.	5 21 7	13 18	4 24	0 2	0 56	neck	9 25	2 17	
18	SUN.	5 20 7	13 20	4 26	1 3	1 38	arms	10 25	3 14	
19	Mond.	5 18 7	13 24	4 30	1 4	2 20	arms	11 20	4 9	
20	Tuesd.	5 17 7	13 26	4 31	1 5	3 4	breast	morn.	5 1	
21	Wedn.	5 16 7	13 28	4 34	2 6	3 51	breast	0 8	5 51	
22	Thurs.	5 14 7	13 32	4 38	2 7	4 45	heart	0 49	6 38	
23	Friday	5 13 7	13 34	4 40	2 8	5 54	heart	1 26	7 23	
24	Satur.	5 12 7	13 36	4 42	2 9	7 9	heart	1 59	8 8	
25	SUN.	5 10 7	13 40	4 46	2 10	8 22	belly	2 29	8 50	
26	Mond.	5 9 7	13 42	4 48	2 11	9 25	belly	2 58	9 32	
27	Tuesd.	5 8 7	13 44	4 50	2 12	10 8	reins	3 27	10 15	
28	Wedn.	5 6 7	13 48	4 54	3 13	10 46	reins	3 54	10 58	
29	Thurs.	5 5 7	13 50	4 56	3 14	11 20	reins	4 17	11 43	
30	Friday	5 4 7	13 52	4 58	3 ○	11 53	secrets	4 57	morn.	

APRIL hath 30 days.

1847.



The lovely spring again appears,
 Though struggling with the chilly breeze,—
 Its presence drooping nature cheers,
 And clothes afresh the naked trees.

M.	D.	W.	Courts, Aspects, Holidays, Weather, &c.	Farmer's Calendar.
1	5		All-Fools day. <i>Grows</i>	<i>Faith.</i>
2	6		Good Fri. <i>much finer.</i>	What an incentive! This little
3	7		{Bp. Heber 7*s set 10h.41. d. 1828.	word spurs thousands and millions
4	C.		{Easter Sun. St. Ambrose, 6 日 ☉ <i>Now</i>	into action. What if one could take
5	2		Goldsmith d. 1774.	a stand among the <i>Pleiads</i> , look
6	3		{C.P. Bar. Bos. ☽ runs low. C. C. Len.	down upon the busy world, and ken
7	4		Very low <i>look out for a</i>	the movements of its myriad inhabit-
8	5		Si. set 10h.28m. tides.	ants? Lo, all animal and vegetable
9	6		Bacon d. 1626. 6 ☽ ☽	life is on the spring! The farmer,
10	7		6 ☽ ☽ <i>storm. Very</i>	all-confident in the promise of seed
11	C.		Low Sun. {Nap. } ☐ ☼ ☉	time and hard it, cheerfully goes
12	2		{C. C. Ply. } Amer. dis. 1492. 6 ☽ h <i>cool,</i>	forth into his fields to his labor, lays
13	3		{S.J.C. Wore. Green, and Low. C.C. Bar. Ips. & Sp. ☽ in pe.	his plans for the season, turns the
14	4		☼ ecl. invi. 6 ☽ 日	rich loam, and makes preparations
15	5		<i>harsh winds. B. comes</i>	for earth's reception of the various
16	6		Buffon d. 1788. 1 des	seeds. It is in obedience to his
17	7		{Dr. Frank. high. 6 ☽ ♀ d. 1750. 2d S. aft.	Creator that he engages in business,
18	C.		{Easter. 6 ☼ 日 <i>very</i>	fully assured that his labor shall
19	2		{C.C. Nan. Bat. Con and Lex. '75. ☽ r. high.	not be in vain. So do we go ahead,
20	3		{S.J.C. Tau. Nor'p. <i>mild, with</i> Bos. and Ded.	Mr. Trusty, proving our faith by
21	4		Heber b. 1783. <i>rain.</i>	our good works in our various avo-
22	5		7*s set 8h.43. ☽ in aph.	cations, and by our "dealing justly,
23	6		♀ sets 9h.27m. eve.	loving mercy, and walking hum-
24	7		{Shakspere b. <i>Low Cooler.</i> 1554, d. 1616. 3d S. aft.	bly." Howsomever, after all, there
25	C.		{Easter. St. Mark. tides.	are different ways to work it, and
26	2		C.P. Ded. ☽ in apog.	some are more successful than
27	3		{S.J.C. Ips. <i>Very fine for</i> and Spring'd.	others. Get the right knack, my
28	4		Jas. Munroe b. 1758. <i>the</i>	friends, and mind the main chance;
29	5		<i>season. Some showers.</i>	but be honest. If you swap oxen,
30	6		Wash. Inaug. 1789.	be honest, if you sell a cheese, be
				honest; if you carry your neighbor
				mechanic a load of wood, be honest;
				no rotten sticks. There is, you
				know, what they call "a still small
				voice," a little tick in the wall, that is
				apt to give one a nudge, now and
				then, in these matters.

1847.

MAY, fifth Month.

Astronomical Calculations.

Declination.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
☾	1	14	N. 58	7	16	43	13	18	18	19	19	42	25	20	53
	2	15	16	8	17	0	14	18	33	20	19	54	26	21	4
	3	15	34	9	17	16	15	18	47	21	20	7	27	21	14
	4	15	52	10	17	32	16	19	1	22	20	19	28	21	24
	5	16	9	11	17	47	17	19	15	23	20	31	29	21	34
	6	16	26	12	18	3	18	19	28	24	20	42	30	21	43

☾ Last Quarter, 7th day, 6h. 5m. evening.

● New Moon, 14th day, 10h. 39m. morning.

☾ First Quarter, 21st day, 9h. 15m. evening.

○ Full Moon, 29th day, 10h. 2m. evening.

☾	D. W.	☾	L. D.	DAY'S INC.	☾	☾	F. SEA.	☾'s	☾	☾ SOU.							
D.		r.	s.	h.	m.	F.	h.	m.	PLACE.	r.	s.	h.	m.				
1	Satur.	5	3	7	13	54	5	0	3	16	morn.	secrets	○ ris.	0	30		
2	SUN.	5	2	7	13	56	5	2	3	17	0	26	thighs	9	20	1	19
3	Mond.	5	0	7	14	0	5	6	3	18	0	59	thighs	10	16	2	10
4	Tuesd.	4	59	8	14	2	5	8	3	19	1	33	thighs	11	6	3	2
5	Wedn.	4	58	8	14	4	5	10	3	20	2	10	knees	11	53	3	56
6	Thurs.	4	57	8	14	6	5	12	4	21	2	53	knees	morn.	4	49	
7	Friday	4	56	8	14	8	5	14	4	22	3	41	legs	0	36	5	43
8	Satur.	4	55	8	14	10	5	16	4	23	4	39	legs	1	16	6	36
9	SUN.	4	54	8	14	12	5	18	4	24	5	50	feet	1	52	7	29
10	Mond.	4	52	8	14	16	5	22	4	25	6	57	feet	2	28	8	22
11	Tuesd.	4	51	8	14	18	5	24	4	26	8	20	head	3	4	9	15
12	Wedn.	4	51	8	14	18	5	24	4	27	9	21	head	3	40	10	9
13	Thurs.	4	50	8	14	20	5	26	4	28	10	14	neck	4	21	11	4
14	Friday	4	48	8	14	24	5	30	4	●	11	4	neck	☾ sets	eve.	1	
15	Satur.	4	47	8	14	26	5	32	4	1	11	52	arms	8	8	0	58
16	SUN.	4	46	8	14	28	5	34	4	2	eve	36	arms	9	7	1	54
17	Mond.	4	45	8	14	30	5	36	4	3	1	19	breast	9	59	2	49
18	Tuesd.	4	44	8	14	32	5	38	4	4	2	1	breast	10	44	3	41
19	Wedn.	4	43	8	14	34	5	40	4	5	2	44	breast	11	24	4	31
20	Thurs.	4	42	8	14	36	5	42	4	6	3	28	heart	11	59	5	18
21	Friday	4	42	8	14	36	5	42	4	7	4	18	heart	morn.	6	3	
22	Satur.	4	41	8	14	38	5	44	4	8	5	12	belly	0	31	6	46
23	SUN.	4	39	8	14	42	5	48	4	9	6	21	belly	1	1	7	29
24	Mond.	4	39	8	14	42	5	48	4	10	7	23	belly	1	28	8	11
25	Tuesd.	4	38	8	14	44	5	50	3	11	8	25	reins	1	56	8	54
26	Wedn.	4	37	8	14	46	5	52	3	12	9	21	reins	2	25	9	38
27	Thurs.	4	36	8	14	48	5	54	3	13	10	4	secrets	2	55	10	24
28	Friday	4	36	8	14	48	5	54	3	14	10	48	secrets	3	32	11	12
29	Satur.	4	35	8	14	50	5	56	3	○	11	26	thighs	4	9	morn.	
30	SUN.	4	34	8	14	52	5	58	3	16	morn.	thighs	○ ris.	0	3		
31	Mond.	4	34	8	14	52	5	58	3	17	0	3	thighs	9	2	0	56

MAY hath 31 days.

1847.



Now art and nature both unite,
To please the taste and please the eye;
And flowers, with gaudy colors bright,
The puny works of art outvie.

M. D. W.		Courts, Aspects, Holidays, Weather, &c.	Farmer's Calendar.
1	7	May-day. { St. Philip and St. James.	Hope.
2	C.	{ 4th S. aft. Easter. $\delta \varphi \text{ H}$ Rather	"Man never is, but always to be
3	2	{ runs low. { Gen. Elect. in Connec.	blest." This is a hopeful month,
4	3	{ S.J.C. φ s. 9h. 53m. eve. Barn.	and keeps us all in perpetual motion,
5	4	Nap.d. 1821. Low cooler,	stirring and striving in our countless
6	5	{ Bat. Prague 1757. $\delta \varphi \text{ Y}$ φ in pe.	engagements. "Sweet flatterer" to
7	6	*s set 8h. tides. but	be sure; but, without its influence,
8	7	{ Bat. Palo Alto (Mx.) 9th Bat. Resaca de la Palma, '46. Rogation Sun, 5th S. aft. East. $\delta \text{ C } \text{ h } \delta$ fine	the world would be a lifeless mass.
9	C.	Bat. Lodi. '96. weather.	Hope on then, and keep up the
10	2	{ S.J.C. Len. Ply. D in per. More	healthy agitation. May-day is past,
11	3	{ Set. at James-town, 1607. $\delta \text{ D } \text{ H}$ wet	nevertheless, my bonny lasses, the
12	4	Holy Thurs. $\delta \text{ D } \varphi$	flowers still invite you. Now the
13	5	Quite weather and	farmer, as he covers his grain, hopes
14	6	high cooler.	that produce will be high in the fall;
15	7	{ Cuvier d. 1832. S. aft. D r. high. $\delta \text{ D } \text{ Y}$	but the mechanic, as he swings his
16	C.	{ C.C.P. Spr'f. Gr. frost, 1794. tides. $\delta \text{ D } \varphi$	mallet, hopes it will be low. There
17	2	Changeable, but good	goes one, all alive with the hope of
18	3	{ C.C. Edg. Dark d. 1780. planting	a legacy from his grandmother;
19	4	Lafay. d. 1834. weather.	yonder is another, fired with the
20	5	$\delta \varphi \odot$ Clouds denote a	expectation of an office. One is
21	6	Si. s. 7h. 40m. ev. $\delta \delta \text{ h}$	hoping for a high tariff; another
22	7	C. Whit S. D in ap. storm.	hopes that trade will be free as air!
23	2	{ C.P. Edg. C.C.P. Worc. Vict. b. 1819.	How various our wishes, longings,
24	3	Paley d. 1805. Remark-	and inclinations! But, come on, one
25	4	Old Elec. in Mass. ably	and all, ye sons of industry, my
26	5	{ Calvin d. 1509. 7*s ris. 4h. 4m.	noble agriculturists, whatsoever may
27	6	{ Dr. Morse d. 1828. Mid. fine for	come to pass, it is our business
28	7	{ Gen. Put. d. 1790. some days.	to plant, and to water. We shall
29	C.	Trin. S. tides. Unsettled	realize an increase, more or less.
30	2	D runs low. φ in Ω	Hope for manifold blessings, but
31	3		learn to be content with the doings

of Providence. "Love thy neighbor, as thyself." What is the meaning of this? I will tell you, friend, what I conceive it to mean. It is this—take not too much toll in your dealings. Act the good Samaritan, and hope for heavenly rewards.

1847.

JUNE, sixth Month.

Astronomical Calculations.

☉'s Declination.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
	1	22	N. 1	7	22	44	13	23	12	19	23	26	25	23	25
	2	22	9	8	22	49	14	23	15	20	23	27	26	23	23
	3	22	17	9	22	55	15	23	18	21	23	27	27	23	21
	4	22	24	10	23	0	16	23	21	22	23	27	28	23	19
	5	22	31	11	23	4	17	23	23	23	23	27	29	23	16
	6	22	37	12	23	8	18	23	25	24	23	26	30	23	13

☾ Last Quarter, 5th day, 11h. 22m. evening.

● New Moon, 12th day, 8h. 8m. evening.

☾ First Quarter, 20th day, 2h. 48m. evening.

○ Full Moon, 28th day, 8h. 39m. morning.

D. M.	D. W.	☉	L. D.	DAY'S INC.	☾	☾	F. SEA.	☾'s	☾	☾ SOU.
		r. s.	h. m.	h. m.	F. A.	h. m.	PLACE.	r. s.	h. m.	
1	Tuesd.	4 33 8	14 54 6	0	3 18	0 41	knees	9 52	1 51	
2	Wedn.	4 33 8	14 54 6	0	2 19	1 18	knees	10 37	2 45	
3	Thurs.	4 32 8	14 56 6	2	2 20	1 59	legs	11 18	3 40	
4	Friday	4 31 8	14 58 6	4	2 21	2 42	legs	11 55	4 33	
5	Satur.	4 31 8	14 58 6	4	2 22	3 32	feet	morn.	5 26	
6	SUN.	4 30 8	15 06 6	6	2 23	4 28	feet	0 30	6 18	
7	Mond.	4 30 8	15 06 6	6	2 24	5 32	head	1 5	7 9	
8	Tuesd.	4 29 8	15 26 8	8	1 25	6 44	head	1 40	8 2	
9	Wedn.	4 29 8	15 26 8	8	1 26	7 49	neck	2 17	8 55	
10	Thurs.	4 29 8	15 26 8	8	1 27	8 56	neck	2 58	9 49	
11	Friday	4 28 8	15 46 10	10	1 28	9 56	arms	3 42	10 45	
12	Satur.	4 28 8	15 46 10	1	●	10 51	arms	4 31	11 40	
13	SUN.	4 28 8	15 46 10	0	1 11	38	arms	☾ sets	eve	36
14	Mond.	4 27 8	15 66 12	0	2	eve 22	breast	8 37	1 30	
15	Tuesd.	4 27 8	15 66 12	S.	3	1 4	breast	9 19	2 21	
16	Wedn.	4 27 8	15 66 12	0	4	1 44	heart	9 58	3 10	
17	Thurs.	4 27 8	15 66 12	0	5	2 23	heart	10 31	3 57	
18	Friday	4 27 8	15 66 12	1	6	3 4	belly	11 2	4 41	
19	Satur.	4 27 8	15 66 12	1	7	3 43	belly	11 30	5 24	
20	SUN.	4 27 8	15 6 DEC.	1	8	4 28	belly	11 58	6 6	
21	Mond.	4 27 8	15 60 0	1	9	5 19	reins	morn.	6 49	
22	Tuesd.	4 27 8	15 60 0	1	10	6 23	reins	0 27	7 32	
23	Wedn.	4 27 8	15 60 0	2	11	7 24	secrets	0 57	8 17	
24	Thurs.	4 27 8	15 60 0	2	12	8 27	secrets	1 28	9 4	
25	Friday	4 27 8	15 60 0	2	13	9 25	secrets	2 4	9 54	
26	Satur.	4 27 8	15 60 0	2	14	10 12	thighs	2 45	10 46	
27	SUN.	4 27 8	15 60 0	3	15	10 59	thighs	3 33	11 40	
28	Mond.	4 27 8	15 60 0	3	○	11 41	knees	4 30	morn.	
29	Tuesd.	4 28 8	15 60 2	3	17	morn.	knees	○ ris.	0 36	
30	Wedn.	4 28 8	15 60 2	3	18	0 24	legs	9 19	1 32	

JUNE hath 30 days.

1847.



We welcome lovely summer here,
Her flowers and birds and green array
Are ever to our hearts most dear,
And cheer us through the livelong day.

M. D.	W. D.	Courts, Aspects, Holidays, Weather, &c.	Farmer's Calendar.
1	3	C. P. Nan. <i>Fine, with</i>	<i>Loafers, avaunt!</i>
2	4	C.C. North. Con. <i>some</i>	Drones, drones, drones! What a
3	5	{ Gen. Elec. $\square$ $\frac{1}{2}$ $\odot$ showers.	disgusting knot of time-killers!
4	6	{ N. H. $\square$ $\frac{1}{2}$ $\odot$ showers.	There they lurk, around that old
5	7	*s ris. 2h. 49m. morn.	tottering shed yonder. Capt. Frisky
6	8	{ Boniface. Low $\frac{1}{2}$ in perih.	brought home a keg of the ardent
7	9	{ 1st S. aft. tides. δ $\odot$ $\frac{1}{2}$	last night;— <i>fifteen gallons</i> , and how
8	10	{ Trin. $\odot$ in per. { C. P. Northp. N. Bed.	quick these bousers have scented it!
9	11	{ Jackson d. { Spr'f. Con. C.C. Gr'f.	The fumes of new rum and nauseous
10	12	aged 79. '45. δ $\odot$ $\frac{1}{2}$ Cooler,	long-nines will make a horse leave
11	13	St. Anthony. <i>with signs</i>	his feed. <i>Thorns</i> , and <i>thistles</i> , and
12	14	Si.s. 6h. 22m. eve. $\frac{1}{2}$ δ $\frac{1}{2}$	<i>loafers</i> , what a punishment for poor
13	15	St. Barnabas. <i>of rain.</i>	Adam and all his posterity! I tell
14	16	$\odot$ runs high. Very	you what, farmers, cultivators, and
15	17	{ 2d S. aft. high δ $\odot$ $\frac{1}{2}$	ploughmen, take neither rum nor
16	18	{ Trin. $\odot$ Mid-sum. day. tides.	ratsbane. They will not help along
17	19	{ Wash. ap. to comd. Army '75. <i>Rather dry</i>	with your work. This is a fact,
18	20	{ Gr. Solar Ec. 1806. δ $\odot$ $\frac{1}{2}$ in some	maugre all the arguments of Capt.
19	21	Bat. B. Hill. Mid. places.	Dry-lips. The "moderate drinker"
20	22	{ Bat. Waterloo. War dec. 1812. tides. <i>More</i>	will say, that a "nipper or two, now
21	23	<i>signs of rain. Much</i>	and then, just to give nature a jog,
22	24	{ 3d S. aft. $\odot$ in ap. δ $\frac{1}{2}$ $\odot$	is well enough." But, beware! for
23	25	{ Trin. $\odot$ in ap. δ $\frac{1}{2}$ $\odot$	these moderate drinkers are the
24	26	{ C. P. Ips. Worc. <i>heat, with</i>	very stuff that the father of all mis-
25	27	{ C. C. Nan. <i>frequent</i>	chief uses in manufacturing sots.
26	28	C. C. Worc. <i>Quite showers. Good</i>	Your <i>nippers</i> will, by and by, gripe
27	29	{ Nat. St. John. B. low tides.	harder than the deathly hug of a
28	30	{ *s rise 1h. 45m. mora. $\frac{1}{2}$ stationary.	grisly bear; and <i>nature's jog</i> will too
29	1	<i>weather for vegetation.</i>	soon move to the tune of <i>delirium</i>
30	2	{ 4th S. aft. $\odot$ runs low.	<i>tremens</i> in a funeral hearse. <i>Thistles</i> ,
1	3	{ Trin. $\odot$ runs low.	<i>thorns</i> , <i>loafers</i> ! dig boys, dig, and
2	4	{ C. P. Len. <i>Rather</i>	root them out from the face of the
3	5	{ Bat. Mon. '73. <i>cooler.</i>	earth. If you find that your hired
4	6	{ C. C. Sp'f. Dad. <i>cooler.</i>	man keeps a "bottle in the mow,"
5	7	{ St. Pat. St. Paul.	give him a walking ticket, forthwith;
6	8		for you may as well have a poison-
7	9		ous Upas tree upon your farm.

1847.

JULY, seventh Month.

Astronomical Calculations.

☾'s Declination.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
	1	23	N. 9	7	22	39	13	21	54	19	20	56	25	19	46
	2	23	5	8	22	32	14	21	46	20	20	45	26	19	33
	3	23	1	9	22	26	15	21	36	21	20	34	27	19	19
	4	22	56	10	22	18	16	21	27	22	20	22	28	19	6
	5	22	51	11	22	11	17	21	17	23	20	11	29	18	52
	6	22	45	12	22	3	18	21	7	24	19	58	30	18	38

☾ Last Quarter, 5th day, 3h. 58m. morning.

● New Moon, 12th day, 6h. 54m. morning.

☽ First Quarter, 20th day, 8h. 9m. morning.

○ Full Moon, 28th day, 5h. 24m. evening.

P. M.	D. W.	☾		L. D.	DAY'S DEC.		☽	☽	F. SEA.	☽'s	☽	☽ SOU.				
		r.	s.	h.	m.	h. m.	s.	A.	h.	m.	PLACE.	r.	s.	h.	m.	
1	Thurs.	4 28	8	15	4	0	2	3 19	1	6	legs	9 56		2	28	
2	Friday	4 28	8	15	4	0	2	4 20	1	49	feet	10 34		3	22	
3	Satur.	4 29	8	15	2	0	4	4 21	2	33	feet	11 8		4	15	
4	SUN.	4 29	8	15	2	0	4	4 22	3	21	head	11 43		5	7	
5	Mond.	4 30	8	15	0	0	6	4 23	4	14	head	morn.		5	59	
6	Tuesd.	4 30	8	15	0	0	6	4 24	5	12	head	0 19		6	51	
7	Wedn.	4 31	8	14	58	0	8	4 25	6	17	neck	0 57		7	44	
8	Thurs.	4 31	8	14	58	0	8	5 26	7	25	neck	1 39		8	38	
9	Friday	4 32	8	14	56	0	10	5 27	8	39	arms	2 25		9	32	
10	Satur.	4 32	8	14	56	0	10	5 28	9	42	arms	3 15		10	27	
11	SUN.	4 33	8	14	54	0	12	5 29	10	37	breast	4 10		11	20	
12	Mond.	4 33	8	14	54	0	12	5 ●	11	27	breast	☽ sets		eve	13	
13	Tuesd.	4 34	8	14	52	0	14	5	1	eve	10	heart	7 55		1	3
14	Wedn.	4 35	8	14	50	0	16	6	2	0	50	heart	8 31		1	50
15	Thurs.	4 35	8	14	50	0	16	6	3	1	26	heart	9 2		2	36
16	Friday	4 36	8	14	48	0	18	6	4	2	1	belly	9 32		3	20
17	Satur.	4 37	8	14	46	0	20	6	5	2	36	belly	10 1		4	2
18	SUN.	4 38	8	14	44	0	22	6	6	3	12	reins	10 29		4	44
19	Mond.	4 38	8	14	44	0	22	6	7	3	50	reins	10 57		5	27
20	Tuesd.	4 39	8	14	42	0	24	6	8	4	31	reins	11 28		6	11
21	Wedn.	4 40	8	14	40	0	26	6	9	5	17	secrets	morn.		6	56
22	Thurs.	4 41	8	14	38	0	28	6	10	6	27	secrets	0 1		7	44
23	Friday	4 42	8	14	36	0	30	6	11	7	33	thighs	0 40		8	34
24	Satur.	4 43	8	14	34	0	32	6	12	8	42	thighs	1 24		9	27
25	SUN.	4 44	8	14	32	0	34	6	13	9	44	knees	2 14		10	22
26	Mond.	4 45	8	14	30	0	36	6	14	10	35	knees	3 13		11	19
27	Tues.	4 46	8	14	28	0	38	6	15	11	23	knees	4 17		morn.	
28	Wedn.	4 47	8	14	26	0	40	6	○	morn.	legs	○ ris.		0	16	
29	Thurs.	4 48	8	14	24	0	42	6	17	0	8	legs	8 33		1	12
30	Friday	4 49	8	14	22	0	44	6	18	0	51	feet	9 9		2	7
31	Satur.	4 50	8	14	20	0	46	6	19	1	33	feet	9 45		3	1

JULY hath 31 days.

1847.



The burning sun, the thunder's roar,
The vivid lightning's lurid glare,
And clouds that liquid treasures pour,
Show our Creator's love and care.

M.	D.	W.	D.	Courts, Aspects, Holidays, Weather, &c.	Farmer's Calendar.
1	5			<i>Fine weather for hay-</i>	<i>Energy.</i>
2	6			☽ in peri. Vis. V. M.	See with what a spirit farmer
3	7			☐ ☿ ☉, ☿ ☽ ♀ makers.	Lightfoot moves over his premises
4	C.			{ 5th S. aft. Trin. Ind. dec. '76. ☉ ap. Adams & Jefferson d. 1826.	with his team, and yet without noise,
5	2			☿ ☾ ☿ ☿ Some appear-	parade, or bluster! He is never out
6	3			{ S. J. C. Nan. C. P. B. w. Mid. Judge Mar. d. 1837.	of humor with man or beast; and
7	4			☐ ☿ ☉ tides. ance of	for this reason he makes better pro-
8	5			*s rise 1h. 4m. morn.	gress in business than many others.
9	6			rain. Rather dull.	He and his neighbor Humdrum are
10	7			{ Columbus ☽ runs high. b. 1447.	exactly at counterpoints. But a
11	C.			{ 6th S. ☐ ☿ ☉, ☿ ☽ ♀ aft. Trin.	bird's-eye look at their farms, and at
12	2			<i>Becomes finer for some</i>	their different modes of management,
13	3			{ C. C. Sal. High ☿ ☿ ☿ Duke of Ork.	will satisfy any one. The fields,
14	4			{ Fr. Rev. tides. ☿ ☾ ☿ 1789.	close and yards of the former are
15	5			Swithin. { Nap. sailed for St. Helena, 1815.	free from hedge-row, bramble, and
16	6			Hegira, A.D. 622. ☿ ☽ ♀	brush, and well secured with a legal
17	7			Dr. Watts b. 1764. days.	and suitable fence. All the build-
18	C.			{ 7th S. ☽ in apo. ☿ in p. aft. Trin.	ings are in good trim; no gate lacks
19	2			☿ in aph. <i>Signs of</i>	a hinge,—no broken bars are seen,
20	3			Marg. Very <i>showers.</i>	or rails lying askance. Design
21	4			Burns d. '96. low tides.	and order are observable throughout
22	5			Magd. <i>Much finer for</i>	all his possessions. Yonder are his
23	6			*s rise 0h. 16m. morn.	three healthy and sturdy sons, swing-
24	7			☽ r. low. ☿ stat. ☿ stat.	ing their scythes in good earnest.
25	C.			{ 8th S. aft. Trin. ☿ ☿ ☽ hay- Dog Days begin.	They leave the ground as smooth
26	2			St. Anne. makers.	as velvet, for it is their object to
27	3			Si. r. 5h. 22m. morn. Mid.	work faithfully, rather than fast.
28	4			Com. Union Coll. tides.	The boy also has been taught to act
29	5			do. Dart. do. <i>Change-</i>	well his part, and his swath is
30	6			☽ in per. { Wm. Penn. } able,	spread equal and even. You see no
31	7			☿ ☽ ♀ with some rain.	old broken sleds or carts in the door-
					yard, to batter the shins of a visitor.
					The fuel is all packed away in its
					proper place, and neatness is all
					around prevalent. Here vigor,
					energy, and efficacy have taken the
					lead. Shall we now look at the
					other picture? O gracious!

1847.

AUGUST, eighth Month.

Astronomical Calculations.

☾'s Declination.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
	1	18	N. 8	7	16	33	13	14	48	19	12	55	25	10	54
	2	17	53	8	16	16	14	14	30	20	12	35	26	10	34
	3	17	38	9	15	59	15	14	11	21	12	16	27	10	13
	4	17	22	10	15	42	16	13	53	22	11	56	28	9	52
	5	17	6	11	15	24	17	13	34	23	11	36	29	9	30
	6	16	50	12	15	6	18	13	14	24	11	15	30	9	9

☾ Last Quarter, 3d day, 9h. 15m. morning.

● New Moon, 10th day, 7h. 44m. evening.

☽ First Quarter, 19th day, 0h. 17m. morning.

○ Full Moon, 26th day, 1h. 25m. morning.

☾	D. W.	☾	L. D.	DAY'S DEC.	☽	☽	F. SEA.	☽'s	☽	☽ SOU.		
D.		r.	s.	h.	m.	h.	m.	PLACE.	r.	s.	h.	m.
1	SUN.	4 51	8	14 18	0 48	6 20	2 17	head	10 22		3 55	
2	Mond.	4 52	8	14 16	0 50	6 21	3 4	head	10 58		4 48	
3	Tuesd.	4 53	8	14 14	0 52	6 22	3 53	neck	11 39		5 41	
4	Wedn.	4 54	8	14 12	0 54	6 23	4 45	neck	morn.		6 34	
5	Thurs.	4 55	8	14 10	0 56	6 24	5 46	arms	0 23		7 28	
6	Friday	4 56	8	14 8	0 58	6 25	7 2	arms	1 13		8 22	
7	Satur.	4 58	8	14 4	1 0	6 26	8 20	breast	2 5		9 15	
8	SUN.	4 59	8	14 2	1 4	5 27	9 32	breast	2 59		10 7	
9	Mond.	5 07		14 0	1 6	5 28	10 27	breast	3 56		10 57	
10	Tuesd.	5 17		13 58	1 8	5 ●	11 15	heart	4 55		11 45	
11	Wedn.	5 27		13 56	1 10	5	1 11 55	heart	☽ sets	eve	31	
12	Thurs.	5 37		13 52	1 14	5	2 eve 29	belly	7 33		1 16	
13	Friday	5 57		13 50	1 16	5	3 1 3	belly	8 3		1 59	
14	Satur.	5 67		13 48	1 18	4	4 1 34	belly	8 31		2 41	
15	SUN.	5 77		13 46	1 20	4	5 2 6	reins	9 0		3 23	
16	Mond.	5 87		13 42	1 24	4	6 2 38	reins	9 29		4 6	
17	Tuesd.	5 107		13 40	1 26	4	7 3 12	secrets	10 2		4 50	
18	Wedn.	5 117		13 38	1 28	4	8 3 48	secrets	10 39		5 36	
19	Thurs.	5 127		13 36	1 30	3	9 4 32	secrets	11 18		6 24	
20	Friday	5 147		13 32	1 34	3	10 5 29	thighs	morn.		7 15	
21	Satur.	5 157		13 30	1 36	3	11 6 47	thighs	0 4		8 8	
22	SUN.	5 167		13 28	1 38	3	12 8 2	knees	0 58		9 3	
23	Mond.	5 177		13 26	1 40	2	13 9 18	knees	1 57		9 59	
24	Tuesd.	5 197		13 22	1 44	2	14 10 11	legs	3 3		10 56	
25	Wedn.	5 207		13 20	1 46	2	15 11 1	legs	4 13		11 52	
26	Thurs.	5 217		13 18	1 50	2	○ 11 48	feet	5 26		morn.	
27	Friday	5 237		13 14	1 52	1	17 morn.	feet	○ ris.		0 48	
28	Satur.	5 247		13 12	1 54	1	18 0 31	head	8 20		1 44	
29	SUN.	5 257		13 10	1 56	1	19 1 14	head	8 58		2 39	
30	Mond.	5 277		13 6	2 0	1	20 1 59	neck	9 38		3 34	
31	Tuesd.	5 287		13 4	2 2	0	21 2 42	neck	10 22		4 29	

AUGUST hath 31 days.

1847.



The gurgling rill both pure and bright,
Where flocks and herds their thirst allay,
Is ever cheering to the sight,
As through the verdant fields we stray.

P.	M.	W.	Courts, Aspects, Holidays, Weather, &c.	Farmer's Calendar.
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1	C.	{ 9th S. aft. Trin.	<i>Rather unsettled</i>	<i>Ceres.</i>
2	2	♂ ♀ ♂ ♀	<i>weather.</i>	Ceres was one of the fabulous
3	3	{ C.C. Ply. 7* ^s rise 11h. 16m. eve.	<i>Some-</i>	goddesses of the heathen. They
4	4	Com. V. U. Burlington.		said she presided over the harvests ;
5	5	Com. Wash. Col. Mid.		taught the art of agriculture ; showed
6	6	☾ runs high. tides.		how to plough, to sow, to reap, to
7	7	{ Gov. Trumbull d. 1809.	<i>what finer for</i>	make bread, and to manage the
8	C.	{ 10th S. aft Trin.	<i>Tides ♂ ☾ ♀</i>	fruit trees. She was represented
9	2	{ C.P. Grif. Ply. Louis Phil. elec. king of Fr. '30.	<i>a</i>	with a garland of ears of corn on
10	3	increasing. ♂ ♀ day		her head, rode upon an ox, carrying
11	4	Sirius r. 4h. 23m. morn.		a basket on her left arm, also hold-
12	5	Com. Am. Col. or two.		ing a hoe. "But what care we
13	6	<i>Now look out for</i>		for heathen mythology?" you will
14	7	☾ in apo. ♂ ♀		say. Very well ; let us quit fable
15	C.	{ 11th S. aft. Trin. Nap. b. 1769.	<i>showers.</i>	then, and go for truth. The Bos-
16	2	Bat. Ben. '77.	<i>More</i>	ton Cultivator, the Massachusetts
17	3	♂ stationary.	<i>settled.</i>	Ploughman, or some of the other
18	4	{ Com. Mid. Col. and Williams Col.	<i>Rather</i>	periodicals devoted to the noble
19	5	Com. Yale Col.	<i>dull</i>	science of agriculture—what do
20	6	7* ^s rise 10h. 12m. eve.		you say to these? That you can
21	7	☾ runs low. Mid. tides.		farm it without reading for it. Fid-
22	U.	{ 12th S. aft. Trin.	<i>weather.</i>	dlestick! Do you never read any-
23	2	Dr. Her. d. '22.	<i>Becomes</i>	thing but the Almanac? Hear me ;
24	3	St. Bart.	<i>cooler and</i>	look around upon this beautiful
25	4	Com. Harv. Uni.	<i>finer.</i>	earth, and think, my friend, think
26	5	{ Pr. Albert b. 1819.	♀ in aph. ♂ ♀	what a change has been wrought
27	6	♀ most bril.	☾ in per.	upon its surface, since father Adam
28	7	St. Aug. Tides increas.		left the garden of Eden. No miracle
29	C.	{ 13th S. aft. Trin.	♂ ☾ ♂ <i>Quite</i>	has done it, nor "has the sterile
30	2	C.P. Worc.	♂ ♀ ♂ <i>set-</i>	desert of the night offered to the
31	3	{ Bunvan d. 1688.	♀ in perih. <i>tled.</i>	morning sun the luxuriance and

derful!

1847.

SEPTEMBER, ninth Month.

Astronomical Calculations.

Declination.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
☉	1	8	N. 26	7	6	13	13	3	57	19	1	38	25	0	43
	2	8	4	8	5	51	14	3	34	20	1	14	26	1	6
	3	7	42	9	5	28	15	3	11	21	0	51	27	1	29
	4	7	20	10	5	5	16	2	47	22	0	28	28	1	53
	5	6	58	11	4	42	17	2	24	23	0	4	29	2	16
	6	6	36	12	4	20	18	2	1	24	S.	19	30	2	40

☾ Last Quarter, 1st day, 4h. 30m. evening.

● New Moon, 9th day, 11h. 3m. morning.

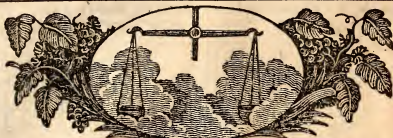
☽ First Quarter, 17th day, 2h. 37m. evening.

○ Full Moon, 24th day, 9h. 41m. morning.

D. M.	D. W.	☉	L.	D.	DAY'S DEC.	☉	☽	F. SEA.	☽'s	☽	☽ SOU.			
D.		r.	s.	h.	m.	h.	m.	h.	m.	PLACE.	r.	s.	h.	m.
1	Wedn.	5 29	7	13	2	2	6	0 22	3 29	arms	11	10	5	24
2	Thurs.	5 31	7	12	58	2	8	0 23	4 17	arms	morn.		6	18
3	Friday	5 32	7	12	56	2	10	1 24	5 19	breast	0	1	7	12
4	Satur.	5 34	7	12	52	2	14	1 25	6 40	breast	0	54	8	4
5	SUN.	5 35	7	12	50	2	16	1 26	8 1	breast	1	52	8	54
6	Mond.	5 36	7	12	48	2	18	2 27	9 18	heart	2	48	9	43
7	Tuesd.	5 38	7	12	44	2	22	2 28	10 12	heart	3	46	10	29
8	Wedn.	5 39	7	12	42	2	24	2 29	10 56	belly	4	44	11	13
9	Thurs.	5 41	7	12	38	2	28	3 ●	11 32	belly	☽ sets		11	57
10	Friday	5 42	7	12	36	2	30	3 1	eve. 6	belly	6	34	eve	39
11	Satur.	5 43	7	12	34	2	32	3 2	0 35	reins	7	3	1	22
12	SUN.	5 45	7	12	30	2	36	4 3	1 6	reins	7	32	2	4
13	Mond.	5 46	7	12	28	2	38	4 4	1 37	secrets	8	2	2	47
14	Tuesd.	5 48	7	12	24	2	42	4 5	2 5	secrets	8	38	3	32
15	Wedn.	5 49	7	12	22	2	44	5 6	2 39	secrets	9	15	4	19
16	Thurs.	5 50	7	12	20	2	46	5 7	3 13	thighs	9	58	5	7
17	Friday	5 52	7	12	16	2	50	5 8	3 55	thighs	10	47	5	58
18	Satur.	5 53	7	12	14	2	52	6 9	4 51	knees	11	42	6	50
19	SUN.	5 55	7	12	10	2	56	6 10	6 8	knees	morn.		7	44
20	Mond.	5 56	7	12	8	2	58	6 11	7 32	legs	0	44	8	39
21	Tuesd.	5 58	7	12	4	3	2	7 12	8 50	legs	1	51	9	35
22	Wedn.	5 59	7	12	2	3	4	7 13	9 49	legs	3	0	10	30
23	Thurs.	6 06	12	0	3	6		7 14	10 39	feet	4	14	11	26
24	Friday	6 26	11	56	3	10		8 ○	11 22	feet	5	28	morn.	
25	Satur.	6 36	11	54	3	12		8 16	morn.	head	☉ ris.		0	22
26	SUN.	6 56	11	50	3	16		9 17	0 7	head	7	43	1	19
27	Mond.	6 66	11	48	3	18		9 18	0 52	neck	8	17	2	16
28	Tuesd.	6 76	11	46	3	20		9 19	1 36	neck	9	4	3	13
29	Wedn.	6 86	11	44	3	22		10 20	2 20	arms	9	56	4	10
30	Thurs.	6 106	11	40	3	26		10 21	3 6	arms	10	50	5	6

SEPTEMBER hath 30 days.

1847.



And now the fruit of all our toil
Is spread before us in the field;
Choice blessings which the willing soil,
Well managed, never fails to yield.

D. M.		Courts, Aspects, Holidays, Weather, &c.	Farmer's Calendar.
1	4	Com. Brown Univ. and Bowd. Col. 8 h 0	<i>Bucephalus.</i>
2	5	D runs high. <i>Quite fine.</i>	Bucephalus was the name of
3	6	Cromwell d. 1658. 6 C 2	Alexander's horse, who would per-
4	7	7*s ris. 8h. 56m. eve.	mit no one to mount him, except his
5	C.	{ 14 S. aft. Dog d. end. Mid. Trin.	master, to whom he would always
6	2	C. P. Low. tides. <i>Cooler.</i>	kneel. He was wounded in battle,
7	3	{ S. J. C. Spr. C. P. Bar. C. C. Len. Gr'f. North. and Coa.	and died at the age of thirty years.
8	4	N. V. M. 2 r. 0h. 22m.	But it is the farmer's gelding I prefer
9	5	Sirius ri. 2h. 37m. morn.	to Alexander's war horse, or Don
10	6	{ J. Story d. '46. ♀ stat. <i>with high</i>	Quixote's Rosinante. Our New
11	7	D in ap. { Bat. Champ. { 6 C ♀ 1814.	England farmers make more use of
12	C.	{ 15 S. aft. winds. <i>Very fine</i> Trin.	horses than they formerly did. A
13	2	C. P. Taun. Que. tak. '59.	man may do all his labor without
14	3	{ S. J. C. L. Len. S. J. C. Grf. C. C. Worc. Moscow bt. 1812.	oxen, provided he takes good care
15	4	<i>for a day or two.</i>	of his horse, as he ought to do. Be
16	5	N. Y. taken 1776. Very	merciful to this willing and valua-
17	6	D runs low. low <i>More</i>	ble animal. O, the way that some
18	7	2 rises 11h. 54m. eve.	use a horse is most abominable.
19	C.	{ 16 S. aft. tides. <i>unsettled.</i> Trin.	Spavined, hoof-bound, wind-broken,
20	2	{ S. J. C. L. N. Nor. C. P. Ne'p. Del.	glanders and gigs, these come by
21	3	{ C. C. Bri. Ded. Tau.	cruel usage, and the "high mettled
22	4	Sirius r. 1h. 50m. morn.	racer," once the pride of the stall,
23	5	Gr. blo. '15. tides. 6 D 2	diseased, foundered, crippled, sinks,
24	6	D in perig. 6 C H, 3 st.	falls, dies, and becomes food for the
25	7	7*s sou. 3h. 20m. High	hounds! Shame for humanity! It
26	C.	{ 17 S. aft. <i>near.</i> Trin.	was not so in the good old days of
27	2	{ C. P. Edg. C. C. P. Wor.	Deacon Dap. I was but a lad, to
28	3	S. J. C. L. Worc. tides.	be sure, but the Deacon's pacing
29	4	St. Mich. <i>Cooler, with</i>	mare is fully in my remembrance.
30	5	D r. high. <i>rough winds.</i>	When Sunday came, the best saddle

Deacon's button-hole, away they bestrode, gaffer and gammer; while the youngers trudged along on foot.—Any man who will abuse this noble animal, deserves to ride a poor one all his days.

1847.

OCTOBER, tenth Month.

Astronomical Calculations.

☉'s Declination.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
1	3	S.	3	7	5	22	13	7	39	19	9	52	25	12	0
2	3		26	8	5	45	14	8	1	20	10	14	26	12	20
3	3		49	9	6	8	15	8	24	21	10	35	27	12	41
4	4		13	10	6	31	16	8	46	22	10	56	28	13	1
5	4		36	11	6	54	17	9	8	23	11	18	29	13	21
6	4		59	12	7	16	18	9	30	24	11	39	30	13	41

☾ Last Quarter, 1st day, 2h. 52m. morning.

● New Moon, 9th day, 4h. 23m. morning.

☾ First Quarter, 17th day, 2h. 57m. morning.

○ Full Moon, 23d day, 6h. 52m. evening.

☾ Last Quarter, 30th day, 5h. 12m. evening.

D. M.	D. W.	☉	L. D.	DAYS DEC.	☉	☾	F. SEA.	☾'s	☾	☾ SOU.
		r. s.	h. m.	h. m.	F. A.	h. m.	PLACE.	r. s.	h. m.	
1	Friday	6 12 6	11 36 3	30 10 22	3 56	breast	11 46	6 0		
2	Satur.	6 13 6	11 34 3	32 11 23	4 56	breast	morn.	6 51		
3	SUN.	6 15 6	11 30 3	36 11 24	6 15	heart	0 44	7 40		
4	Mond.	6 16 6	11 28 3	38 11 25	7 37	heart	1 18	8 27		
5	Tuesd.	6 17 6	11 26 3	40 11 26	8 52	heart	2 38	9 12		
6	Wedn.	6 19 6	11 22 3	44 12 27	9 48	belly	3 36	9 55		
7	Thurs.	6 20 6	11 18 3	48 12 28	10 28	belly	4 32	10 38		
8	Friday	6 22 6	11 16 3	50 12 29	11 4	reins	5 28	11 20		
9	Satur.	6 23 6	11 14 3	52 13 1	11 35	reins	☾ sets	eve	3	
10	SUN.	6 24 6	11 10 3	56 13 1	eve 6	reins	6 4	0 46		
11	Mond.	6 26 6	11 8 3	58 13 2	0 38	secrets	6 39	1 30		
12	Tuesd.	6 29 6	11 2 4	13 3 1	8	secrets	7 15	2 16		
13	Wedn.	6 30 6	11 0 4	14 4 1	38	thighs	7 55	3 4		
14	Thurs.	6 31 6	10 58 4	14 5 2	11	thighs	8 43	3 53		
15	Friday	6 32 6	10 56 4	10 14 6	2 47	thighs	9 34	4 44		
16	Satur.	6 33 6	10 54 4	12 14 7	3 32	knees	10 32	5 36		
17	SUN.	6 34 6	10 52 4	14 15 8	4 24	knees	11 34	6 28		
18	Mond.	6 36 6	10 48 4	18 15 9	5 37	legs	morn.	7 22		
19	Tuesd.	6 37 6	10 46 4	20 15 10	7 3	legs	0 40	8 15		
20	Wedn.	6 38 6	10 42 4	24 15 11	8 22	feet	1 50	9 9		
21	Thurs.	6 40 6	10 40 4	26 15 12	9 22	feet	3 1	10 4		
22	Friday	6 41 6	10 38 4	28 15 13	10 13	head	4 14	11 0		
23	Satur.	6 43 6	10 34 4	32 16 1	11 0	head	5 27	11 57		
24	SUN.	6 44 6	10 32 4	34 16 15	11 45	neck	○ ris.	morn.		
25	Mond.	6 46 6	10 28 4	38 16 16	morn.	neck	6 36	0 55		
26	Tuesd.	6 47 6	10 26 4	40 16 17	0 32	arms	7 43	1 54		
27	Wedn.	6 48 6	10 24 4	42 16 18	1 16	arms	8 39	2 52		
28	Thurs.	6 49 6	10 22 4	44 16 19	1 59	breast	9 36	3 49		
29	Friday	6 51 6	10 18 4	48 16 20	2 44	breast	10 33	4 43		
30	Satur.	6 52 6	10 16 4	50 16 21	3 33	heart	11 33	5 35		
31	SUN.	6 53 6	10 14 4	52 16 22	4 28	heart	morn.	6 23		

OCTOBER hath 31 days.

1847.



With busy hands and grateful hearts,
We gather in the harvest now;
Thankful for all that God imparts,
With reverence we before Him bow.

M. W.		Courts, Aspects, Holidays, Weather, &c.	Farmer's Calendar.
1	6	{First Steam. to Albany, 1807. <i>Much finer,</i>	<i>Music.</i>
2	7	André hung '80. $\delta \text{ } \text{D} \text{ } \text{21}$	Sons of the farmer free, Daughters of harmony,
3	C.	{18th S. aft. Trin. <i>with cool nights.</i>	Wake to the jubilee, Sing harvest home.
4	2	C. P. Nant. q in 8	None hath more cause to sing
5	3	{C.P. Bos. C.C. Spr'f. <i>Changeable,</i>	than the farmer. In spring, summer, and autumn, all is musical
6	4	Faith. Siri. r. 0h. 59m. m.	around him. He imbibes the jocund spirit, and joins in the chorus of
7	5	D in apo. $\delta \text{ } \text{C} \text{ } \text{q}$ <i>with</i>	universal nature. Is he assured
8	6	$\odot$ eclipsed, invis. Mid.	that thrift is on his side, in what
9	7	St. Dennis. <i>high winds.</i>	pleasant numbers does he move
10	C.	{19th S. aft. Trin. tides. $\text{8} \text{ } \text{H} \text{ } \odot$	along! His gamut is his own, whether
11	2	{C.C. Nant. <i>Quite settled</i>	<i>diatonic or chromatic.</i> As for
12	3	{7* a sou. 2h. 32m. S.J.C.L. C'am. 21 r. 10h. 32m.	your <i>dynamics</i> , and other crackjaw-
13	4	S.C. Ear. Ne'p. Wm. Penn. b. 1644. <i>for</i>	ical terms, so much in use by those
14	5	D runs low. q in aph.	who want to be thought vastly scien-
15	6	{New Sty. int. '52. <i>Low the season.</i>	tific, he has never puzzled his scone
16	7	{H. Par. bt. 1834. <i>Now you may look</i>	about them; but, as to his music,
17	C.	{20th S. aft. Trin. Bur. sur. '77.	it is free as the lark's. O, it would
18	2	{C.P. Nor'p. Low. St. Luke. tides.	have done your soul good to hear
19	3	{S.J.C.L. 7*s sou. 2h. 1m. Ply.	mine uncle Brightheart, when, at
20	4	Bat. Nav. 1827. $\delta \text{ } \text{D} \text{ } \text{h}$	early dawn, once he chanted the
21	5	Nel. killed 1805. <i>for a</i>	following: " <i>Weeping may endure</i>
22	6	D in per. q stat. $\delta \text{ } \text{C} \text{ } \text{H}$	<i>for a night, but joy cometh in the</i>
23	7	21 rises 9h. 52m. eve.	<i>morning."</i> I spent an hour at his
24	C.	{21st S. aft. Trin. <i>Quite storm.</i>	house, not long since, when he called
25	2	C.P. Len. high <i>Fine</i>	his young choir of boys and girls
26	3	S.J.C.L. Ded. tides.	around for my entertainment, and
27	4	D runs high. <i>again for</i>	most sweetly they sang a little
28	5	St. Sim. and Jude. <i>the</i>	parody on—"Life on the ocean wave,"
29	6	Tides $\delta \text{ } \text{D} \text{ } \text{21}$ <i>season.</i>	&c., published awhile ago in one of
30	7	Sirius ris. 11h. 26m. eve.	the Agricultural Journals. It ran
31	C.	{22d S. aft. Trin. decreas. $\text{8} \text{ } \text{J} \text{ } \odot$	thus,— <i>A life on my native soil,—a</i>
			<i>home in a farmer's cot, &c.</i> Another
			which pleased me much had the
			following burden, <i>So mind, and pay</i>
			<i>the printer well.</i>

1847.

NOVEMBER, eleventh Month.

Astronomical Calculations.

☾'s Declination.	Days. d. m.			Days. d. m.			Days. d. m.			Days. d. m.			Days. d. m.		
	1	14	S. 20	7	16	12	13	17	54	19	19	24	25	20	42
	2	14	39	8	16	29	14	18	10	20	19	38	26	20	54
	3	14	58	9	16	47	15	18	25	21	19	52	27	21	5
	4	15	17	10	17	4	16	18	40	22	20	5	28	21	16
	5	15	36	11	17	21	17	18	55	23	20	18	29	21	27
	6	15	54	12	17	37	18	19	10	24	20	30	30	21	37

- New Moon, 7th day, 10h. 27m. evening.
 ☽ First Quarter, 15th day, 1h. 31m. evening.
 ○ Full Moon, 22d day, 5h. 20m. morning.
 ☾ Last Quarter, 29th day, 11h. 38m. morning.

D. M.	D. W.	☾		L. D.		DAY'S DEC.		☾	☽	F. SEA.		☽'s	☽		☽ SOU.		
		r.	s.	h.	m.	h.	m.	F.	A.	h.	m.	PLACE.	r.	s.	h.	m.	
1	Mond.	6	55	6	10	10	4	56	16	23	5	36	heart	0	32	7	9
2	Tuesd.	6	56	6	10	8	4	58	16	24	6	55	belly	1	29	7	53
3	Wedn.	6	57	6	10	6	5	0	16	25	8	9	belly	2	26	8	36
4	Thurs.	6	58	6	10	2	5	4	16	26	9	12	reins	3	21	9	18
5	Friday	7	0	5	10	0	5	6	16	27	9	56	reins	4	18	10	1
6	Satur.	7	1	5	9	58	5	8	16	28	10	34	reins	5	15	10	43
7	SUN.	7	2	5	9	56	5	10	16	●	11	7	secrets	6	12	11	27
8	Mond.	7	3	5	9	54	5	12	16	1	11	41	secrets	☽ sets	eve	13	
9	Tuesd.	7	4	5	9	50	5	16	16	2	eve	11	thighs	5	55	1	1
10	Wedn.	7	6	5	9	48	5	18	16	3	0	44	thighs	6	40	1	50
11	Thurs.	7	7	5	9	46	5	20	16	4	1	17	thighs	7	30	2	41
12	Friday	7	8	5	9	44	5	22	16	5	1	51	knees	8	26	3	32
13	Satur.	7	9	5	9	42	5	24	16	6	2	30	knees	9	26	4	24
14	SUN.	7	10	5	9	40	5	26	15	7	3	15	legs	10	30	5	16
15	Mond.	7	11	5	9	38	5	28	15	8	4	7	legs	11	34	6	8
16	Tuesd.	7	12	5	9	36	5	30	15	9	5	13	feet	morn.	7	0	
17	Wedn.	7	13	5	9	34	5	32	15	10	6	31	feet	0	43	7	52
18	Thurs.	7	15	5	9	30	5	34	15	11	7	47	head	1	52	8	45
19	Friday	7	16	5	9	28	5	38	14	12	8	53	head	3	3	9	40
20	Satur.	7	17	5	9	26	5	40	14	13	9	49	neck	4	5	10	36
21	SUN.	7	18	5	9	24	5	42	14	14	10	41	neck	5	28	11	34
22	Mond.	7	19	5	9	22	5	44	14	○	11	29	arms	6	38	morn.	
23	Tuesd.	7	20	5	9	20	5	46	13	16	morn.	arms	○ ris.	0	33		
24	Wedn.	7	21	5	9	18	5	48	13	17	0	14	arms	7	20	1	32
25	Thurs.	7	21	5	9	18	5	48	13	18	0	59	breast	8	18	2	29
26	Friday	7	22	5	9	16	5	50	12	19	1	43	breast	9	20	3	24
27	Satur.	7	23	5	9	14	5	52	12	20	2	25	heart	10	20	4	15
28	SUN.	7	24	5	9	12	5	54	12	21	3	11	heart	11	19	5	4
29	Mond.	7	25	5	9	10	5	56	11	22	4	0	belly	morn.	5	49	
30	Tuesd.	7	26	5	9	8	5	58	11	23	4	53	belly	0	16	6	33

NOVEMBER hath 30 days.

1847.



Now chilly winds and sombre skies
 Spread gloom and sadness all around;
 A mournful scene to greet the eyes,
 To greet the ears a mournful sound.

M.	D.	W.	Courts, Aspects, Holidays, Weather, &c.	Farmer's Calendar.
1	2		All-Saints. <i>Good weath.</i>	<i>Close Joints.</i>
2	3	{ S.J.C.L. Sal.	Tides for Nov.	Yes, yes, snug is now the by-
3	4		7* ^s sou. 1h. 4m. ♂ ♀	word. "Let us bowse everything
4	5		☽ in apog. increasing.	tight," as the sailors would say;
5	6	{ Fowler Plot, 1605.	<i>Changeable,</i>	you remember the northeaster we
6	7		Jupit. rises 8h. 59m. eve.	had last winter, Feb. 15th. The
7	C.	{ 23 ^d S. aft. Trin.	Mid. ♄ stat.	wind and snow were as ill-mannered
8	2		C.P.Gr. ♀ gr. bril. <i>with</i>	and saucy, as a newly made con-
9	3	{ S.J.C.N. Bed. Bos.	tides. ♂ ♀ gr.	stable with a search warrant. Was
10	4	{ C. C. Edg. M. Luther b. 1483.	h stat. <i>signs</i>	there a crack or crevice, as big as a
11	5		☽ runs low. <i>of a storm.</i>	knitting needle,—in they came with
12	6		Sirius ris. 10h. 34m. eve.	a whiz and a whistle in unrestrained
13	7	{ Geo. Fox d. 1690.	♀ in ☿ <i>Quite fine</i>	impudence. O, what a job it was,
14	C.		24 S. aft. Trin. <i>again.</i>	next day, for mother and the girls to
15	2	{ Cowper b. 1731.	Low ♄ stat. <i>More</i>	clean up! But the barn, ay the
16	3		tides. ♂ ♀ h <i>changeable</i>	barn! Why, I thought mine was as
17	4		Sirius ris. 10h. 13m. eve.	tight as a snuff-box; but no, my cow-
18	5		Gr. earthq. '55. <i>weather.</i>	house was nearly as bad off as an
19	6		7* ^s sr. 0h. 20m. m. ♂ ☽ ♄	Irish shanty. Well, Mr. Driver, as
20	7		♄ ris. 8h. 2m. eve. <i>Very</i>	you, no doubt, have got all your pro-
21	C.	{ 25 th S. aft. Trin.	☽ in perig. <i>cool</i>	duce safely gathered and garnered,
22	2		Ce. Day. ♄ in ☿ <i>nights.</i>	now for security, as the miser said
23	3		☽ runs high. <i>Very</i>	about the loan. Hammer, nails, clap-
24	4	{ John Knox d. 1572.	high <i>Warmer,</i>	boards, shingles; come, come, never
25	5	{ Cath. D. N. Y. ev. 1783.	♂ ♀ ♄	wait for a carpenter. Mr. Fore-
26	6	{ Dr. Watts d. 1748.	tides. <i>with some</i>	plane's time is out then, and how
27	7	{ Gr. fire Box, 1676.	♀ in per. <i>rain.</i>	many days of grace? Tut! he will
28	C.	{ 1st. Sun. in Adv.	☐ h ☉ <i>Pleasant,</i>	not be here;—drive ahead. Dig
29	2	{ Rev. in Poland '31.	<i>but cool morn.</i>	your parsnips: why keep them in
30	3		St. Andr. <i>A storm near.</i>	the ground over winter, when they

Hogs, like potatoes, it is said, will run out. What then? Why, get them in again.

1847.

DECEMBER, twelfth Month.

Astronomical Calculations.

Declination.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.	Days.	d.	m.
☉	1	21	S. 46	7	22	35	13	23	9	19	23	25	25	23	25
	2	21	56	8	22	42	14	23	13	20	23	27	26	23	23
	3	22	4	9	22	48	15	23	16	21	23	27	27	23	21
	4	22	13	10	22	54	16	23	19	22	23	27	28	23	19
	5	22	21	11	22	59	17	23	22	23	23	27	29	23	16
	6	22	28	12	23	4	18	23	24	24	23	26	30	23	12

- New Moon, 7th day, 3h. 47m. evening.
- ☽ First Quarter, 14th day, 10h. 37m. evening.
- Full Moon, 21st day, 5h. 24m. evening.
- ☾ Last Quarter, 29th day, 9h. 4m. morning.

☾	D. W.	☉	L. D.	DAY'S DEC.	☽	☽	F. SEA.	☽'s	☽	☽ SOU.		
D.		r.	s.	h. m.	h. m.	F.	A.	h. m.	PLACE.	r.	s.	h. m.
1	Wedn.	7 26	5 9	8 5	5 58	11	24	6 0	belly	1 14	7 16	
2	Thurs.	7 27	5 9	6 6	6 0	10	25	7 6	reins	2 9	7 58	
3	Friday	7 28	5 9	4 6	6 2	10	26	8 12	reins	3 7	8 40	
4	Satur.	7 28	5 9	4 6	6 2	10	27	9 13	secrets	4 3	9 24	
5	SUN.	7 29	5 9	2 6	6 4	9	28	9 58	secrets	5 1	10 9	
6	Mond.	7 30	5 9	0 6	6 6	9	29	10 38	secrets	5 57	10 56	
7	Tuesd.	7 30	5 9	0 6	6 6	8	●	11 16	thighs	☽ sets	11 45	
8	Wedn.	7 31	5 8	58 6	8 8	8	1	11 51	thighs	5 26	eve	36
9	Thurs.	7 32	5 8	56 6	10 7	2	eve	27	knees	6 19	1 28	
10	Friday	7 32	5 8	56 6	10 7	3	1	4	knees	7 18	2 21	
11	Satur.	7 32	5 8	56 6	10 7	4	1	41	legs	8 22	3 13	
12	SUN.	7 32	5 8	56 6	10 6	5	2	20	legs	9 27	4 5	
13	Mond.	7 32	5 8	56 6	10 6	6	3	5	legs	10 33	4 57	
14	Tuesd.	7 33	5 8	54 6	12 5	7	3	55	feet	11 42	5 48	
15	Wedn.	7 33	5 8	54 6	12 5	8	4	51	feet	morn.	6 39	
16	Thurs.	7 33	5 8	54 6	12 4	9	5	59	head	0 50	7 31	
17	Friday	7 33	5 8	54 6	12 4	10	7	11	head	1 58	8 24	
18	Satur.	7 33	5 8	54 6	12 3	11	8	23	neck	3 7	9 20	
19	SUN.	7 33	5 8	54 6	12 3	12	9	28	neck	4 17	10 17	
20	Mond.	7 33	5 8	54 inc.	2 13	10	22	arms	5 24	11 15		
21	Tuesd.	7 33	5 8	54 0	0 2	○	11	14	arms	6 26	morn.	
22	Wedn.	7 33	5 8	54 0	0 1	15	morn.	breast	○ ris.	0 12		
23	Thurs.	7 33	5 8	54 0	0 1	16	0	2	breast	7 1	1 9	
24	Friday	7 33	5 8	54 0	0 0	17	0	47	heart	8 3	2 3	
25	Satur.	7 33	5 8	54 0	0 0	S. 18	1	28	heart	9 4	2 54	
26	SUN.	7 33	5 8	54 0	0 0	19	2	9	belly	10 4	3 41	
27	Mond.	7 33	5 8	54 0	0 1	20	2	50	belly	11 1	4 27	
28	Tuesd.	7 33	5 8	54 0	2 2	21	3	29	belly	11 59	5 11	
29	Wedn.	7 32	5 8	56 0	2 2	22	4	12	reins	morn.	5 53	
30	Thurs.	7 32	5 8	56 0	2 3	23	4	57	reins	0 54	6 36	
31	Friday	7 32	5 8	56 0	2 3	24	5	56	secrets	1 52	7 19	

DECEMBER hath 31 days.

1847.



Winter with all his dreary train,
Of snow and frost and ice is here ;
Our fleeting days will speed amain,

E. Camb.] And wear out each remaining year.—J. W. D.

M. W. Courts, Aspects, Holidays,
D. D. Weather, &c.

Farmer's Calendar.

1 4 Sirius ris. 9h. 14m. eve.
2 5 ☽ in apogee.
3 6 ♂ ☽ ♀ *High wind, but*
4 7 Yd.L.rises 7h.10m. *not*
5 C. { 2d S. ☽ stationary. *very*
6 2 { in Adv. C.C.P.Spr'f. ♂ ☽ ♀
7 3 { C.P.Ply. Worc. C.C.North. Mid. *uncom-*
8 4 ☽ runs low. Con. V. Mar.
9 5 Mil.b.1608. tides. *fort-*
10 6 ☽ r.6h.36m.eve. ☐ ♀ ☉
11 7 7*s sou.10h.24m. *able.*
12 C. 3d S.in Adv. *Some rain,*
13 2 { C.P.N. Low ♂ ☾ ♀
14 3 { Bed.Cam. C.C.Gr'f. *if not snow.*
15 4 { Wash.d.'99. ag 67. tides. *Cloudy and unset-*
16 5 { Tea.des.Eos.'73. ♂ ☽ ♀ p.
17 6 { Gr.fire N.Y. 1835. Sir.8h.4m.eve. ♂ ☾ ♂
18 7 ☽ in perigee. *tled, with*
19 C. { 4th S.in rain. *More*
20 2 { Adv. C.P.Ips.Ded. Very
21 3 ☽ runs high. St. Thom.
22 4 { Landing of Pilgrims, 1620. high tides.
23 5 Wash.res.Com. ♂ ☽ ☽
24 6 { Peace signed at Gh. 1814. ☽ stationary.
25 7 Christmas-day. *com-*
26 C. 1st S.aft. *fortable. Clouds*
27 2 St.John. *up for a storm.*
28 3 { C.C.Sal.or Ne'p. Holy Inno.
29 4 { Ips.Spr'f. Worc. C.C.Ded. Quite low ti.
30 5 ☽ in apogee. *Cold.*
31 6 Syl. ☉ in per. ♀ in ☿

Trial Balance.

My friend, the death of the year draws nigh. All things terrestrial must have an end, and very soon a stop will be put to our progress here. Suppose we take a retrospective view of all our actions, and inquire,—have we, in all our dealings, done justly and loved mercy? Have we, to every one, given just weight and measure in all our concerns? *Apropos*, what of the *half-bushel* and *steelyards*? Have we kept cheek by jole with honesty, uprightness, and a good conscience? Come now, come up to the work, and no flinching, father Lovegold. Respect of persons or of property is now out of the question. Kings, presidents, princes, priests, spend-thrifts, misers, you and I, the poor widow Hardfare, and tattered Tom Breadless, must alike abide the reckoning. If now, laying our hands upon our hearts, we can readily say, that we have farmed it well in all these respects, and have no prickings of the little monitor, then happy are we. A memorandum of our faithfulness will be found in the great book of account among the heavenly archives.

Eliza Cook, that sweet songster, authoress of the *Old Arm Chair*, &c., says, that one hearty *good-by* is worth twenty *farewells*. But I will only say, with good Tom Tough, "*Avast, boys!—hold and belay.*"

COURTS.

N. B. Courts in Massachusetts, see Calendar pages.*

SUPREME FEDERAL COURT,

At Washington, to commence on the first Monday in December, annually.

Circuit Federal Courts in the first and second E. Circuits. In *Maine*—at Portland, May 1, and October 1. In *New Hampshire*—at Portsmouth, May 8, and at Exeter, October 8. In *Massachusetts*—at Boston, May 15, and October 15. In *Connecticut*—at Hartford, September 17, and at New Haven, April 13. In *New York*—at New York, April 1, and September 1. In *Rhode Island*—at Newport, June 15, and at Providence, November 15. In *Vermont*—at Windsor, May 21, and at Rutland, October 3.—*If any of the days happen on Sunday, the Court is to commence on the Monday following.*

District Federal Courts. In the State of *Maine*—at Portland, the 1st Tuesday in February, and 1st in December; and at Wiscasset, the 1st Tuesday in September. At Bangor, the 4th Tuesday in June. In *New Hampshire*—at Portsmouth, 3d Tuesday in March and September; and at Exeter, 3d in June and December. In *Massachusetts*—at Boston, 3d Tuesday in March, and 4th in June, and 1st Tuesday in December, and 2d in September. In *Connecticut*—at Hartford, 4th Tuesdays in May and November; and at New Haven, 4th Tuesdays in February and August. In *Rhode Island*—at Newport and Providence, 1st Mondays in February, May, August, and November. In *Vermont*—at Windsor, on the 24th of May, and Rutland, 6th of October.

* *The Municipal Court for the City of Boston is holden at Boston on the 1st Monday of every month. Police Court every day, at 9 A. M. and 3 P. M. Justice's Court every Wednesday and Saturday, at 9 A. M., at the Court House, Court Square.*

Courts in the State of Connecticut.

Supreme Court of Errors.—At Hartford, on the 2d Tuesday in June. At New Haven, on the Tuesday after the 4th Tuesday in June. At New London and Norwich, alternately, 3d Tuesday in July. At Fairfield and Danbury, alternately, 4th Tuesday in June. At Litchfield, 3d Tuesday in June. At Brooklyn, 4th Tuesday in July. At Middletown and Haddam, alternately, 2d Tuesday in July. At Tolland, the Tuesday after the 4th Tuesday in July.

Superior Courts.—At Hartford, on the last Tuesday in January, and 4th in September; at New Haven, the 4th Tuesday in January and 2d Tuesday in October. At Norwich, the 3d Tuesday in March, and 2d Tuesday of September. At Fairfield, the 2d Tuesday in February. At Danbury, the 1st Tuesday in October. At Brooklyn, the 4th Tuesday in January and 1st Tuesday in October. At Litchfield, the 3d Tuesdays in February and August. At Middletown, 4th Tuesday in February. At Haddam, 4th Tuesday in August. At Tolland, 3d Tuesday in April and October.

County Courts.—At Hartford, the 4th Tuesday in March, and 2d in August and November. At New Haven, 3d Tuesday in March, and 4th in June and November. At New London and Norwich, alternately. At New London, 2d Tues. in February and June. At Norwich, 2d Tues. in November. At Fairfield, 2d Tuesday in December. At Danbury, 2d Tuesday in August. At Brooklyn, 1st Tuesday in March, 2d in August and December. At Litchfield, 2d Tuesday in April and October, and 3d in December. At Haddam, the Tuesday following the 1st Monday in April. At Middletown, the 3d Tuesday in October. At Tolland, 4th Tuesday in March, August and December.

Courts in the State of Rhode Island.

Supreme Judicial Courts.—At Newport, the 4th Monday of March, and the 4th in August. Providence, the 3d Mondays of March and September. South Kingston, the 2d Monday of August, and 1st Monday in February. Bristol, the 2d Mondays in March and September. East Greenwich, 4th Monday in April, and Monday next preceding last Monday in October.

Courts of Common Pleas.—At Newport, the 3d Monday of May, and 4th in November. Providence, the 4th Monday of May, and 1st Monday of December. South Kingston, the 3d Monday in April, and the 1st Monday in November. Bristol, on the 3d Monday in November, and 1st in June. East Greenwich, on the 3d Monday of February, and 3d in August.

General Assembly. There are two sessions; one at Newport, on the 1st Tuesday of May, for election and other business and adjourns to meet at Newport, the 3d Monday in June. The other session on the last Monday in October, at South Kingston, once in two years, and the intermediate years, alternately, at Bristol and East Greenwich, and an adjournment from the October session shall be held annually at Providence.

Courts in the State of New Hampshire.

Superior Courts.—At Exeter, on the 3d Tuesday of July. At Dover, on the 3d Tuesday of December. At Concord, on the 2d Tuesday of July. At Amherst, on the 2d Tuesday of December. At Newport, on the 1st Tuesday of July, and at Keene, on the 1st Tuesday of December. At Ossipee, on the 4th Tuesday of July, and at Gilmanton, on the 4th Tuesday of December. At Plymouth, on the Tuesday next after the 4th Tuesday of July. At Lancaster, on the Tuesday next after the term at Plymouth, and at Haverhill, the Tuesday next after the 4th Tuesday of December.

Courts of Common Pleas.—Portsmouth, 4th Tues. of August. Exeter, 2d Tuesday of February. Dover, 3d Tuesday of January, and 1st Tuesday of August. Gilford, 4th Tuesday of February, and 3d Tuesday of September. Ossipee, 3d Tuesday of May, and 2d Tuesday of November. Concord, 4th Tuesday of March, and 2d Tuesday of October. Amherst, 2d Tuesday of January, and 3d Tuesday of April. Keene 3d Tuesday of March, and 2d Tuesday of September. Newport, 2d Tuesday of April, and 1st Tuesday of October. Haverhill, 3d Tuesday of August, and 1st Tuesday of February. Plymouth, 3d Tuesday of November, and 2d Tuesday of May. Lancaster, 1st Tuesday of May, and 1st Tuesday of November. Manchester, 4th Tuesday in October. (Corrected by Lyon's N. H. Register for 1846.)

Courts in the State of Vermont.

Supreme Courts.—At Manchester and Bennington, alternately, on the 2d Tuesday next after the 4th Tuesday of January. Rutland, on the 1st Tuesday next after the fourth in January. Middlebury, on the 4th Tuesday of January. Burlington, on the Monday preceding 1st Tuesday of January. St. Albans, on the 2d Tues. of January. Newfane, 3d Tuesday after 4th Tuesday in January. Chelsea, 5th Tuesday after 4th Tuesday in January. Danville, 7th Tuesday after 4th Tuesday in January. Guildhall, on the 8th Tuesday after the 4th Tuesday in January. Woodstock, 4th Tuesday after 4th Tuesday in January. Montpelier, on the 6th Tuesday after 4th Tuesday in January. Irasburg, on the 9th Tuesday after 4th Tuesday in January. North Hero, 3d Tuesday in January. Hyde Park, 10th Tuesday after 4th Tuesday in January.

County Courts.—Manchester, 2d Tuesday of June, and Bennington 1st Tuesday of December. Rutland, 2d Tuesday of April and September. Newfane, 4th Tuesday of April and September. Woodstock, 4th Tuesday of March and 1st Tuesday in November. Middlebury, 2d Tuesday in June and December. Chelsea, 3d Tuesday of June and December. Burlington, last Tuesday but one in March, and 1st Tuesday after 4th Tuesday of September. Montpelier, 3d Tuesdays of April and November. Danville, 1st Tuesdays of June and December. St. Albans, 2d Tuesdays of April and September. Irasburg 4th Tuesdays of June and December. Guildhall, last Tuesday of May and 3d Tuesday of December. North Hero, 1st Tuesday after 4th Tuesday in April and 4th Tuesday of September. Hyde Park, 2d Tuesday of June and December.

Courts in the State of Maine.

Supreme Judicial Courts.—At Alfred, last Tues. of April, and 3d Tuesday of September. Portland, Tuesday next but one preceding last Tuesday of April. and the 2d Tuesday of November. Wiscasset, 4th Tuesday of

May, and Wedn. following the 2d Mond. in Sept. Augusta, 1st Tues. next after the 4th Tuesday of May, and 1st Tuesday of Oct. Norridgewock, 3d Tues. next after the 4th Tues. of May, and last Tues. of Sept. Ellsworth, 7th Tues. next after the 4th Tues. of May. Machias, 6th Tues. next after the 4th Tues. of May. Paris, 3d Tues. of May, and 2d Tues. of Oct. Bangor, 5th Tues. next after the 4th Tues. of May, and 4th Tues. of Oct. Belfast, 8th Tues. next after the 4th Tues. of May. Farmington, 2d Tues. after the 4th Tues. of May. Dover, 4th Tues. after the 4th Tues. of May.

District Court.—Alfred, 2d Mond. of Feb., last Mond. of May, and 3d Mond. of Oct. Portland, 1st Tues. of March, 3d Tues. of June, and 1st Tues. of Oct. Warren, 4th Tues. of Oct.; Topsham, 4th Tues. of June; Wiscasset, 4th Tues. of Feb. Augusta, 1st Tues. of April, Aug., and Dec. Norridgewock, 3d Tuesdays of March, July and Nov. Ellsworth, 2d Tues. of April, and 4th Tues. of Oct. Machias, last Tues. of Feb. and 3d Tues. of Sept. Paris, 2d Tues. of June and Nov. Bangor, 1st Tues. of Jan. 4th Tues. of May, and 1st Tues. of Oct. Belfast, 2d Tues. of Feb. and 4th Tues. of Aug. Farmington, last Mond. of March and September. Dover, last Tues. of March and 2d Tues. of Nov. Holton, 2d Tues. of Feb. and 1st Tues. of Sept.

COUNTY COMMISSIONERS' MEETINGS.

YORK.—At Alfred, Tues. next before last Mond. of May, and 2d Tues. of Oct. CUMBERLAND.—At Portland, 1st Tues. of June, and 3d Tues. of Dec. LINCOLN.—At Wiscasset, 2d Tues. of Jan.; Warren, 2d Tues. of May; Topsham, 1st Mond. of Sept. KENNEBEC.—At Augusta, last Tues. of April and Dec. SOMERSET.—At Norridgewock, 3d Tues. of March, and 1st Tues. of Oct. HANCOCK.—At Ellsworth, 2d Tues. of April, and 4th Tuesday of Oct. WASHINGTON.—At Machias, 1st Wedn. next after 1st Tues. of March, and 1st Wedn. next after 3d Tues. of Sept. OXFORD.—At Paris, 3d Tues. of June, and last Tues. of Oct. PENOBSCOT.—At Bangor, 1st Tues. of April and August, and 2d Tues. of Dec. WALDO.—At Belfast, 3d Tues. of April and August. FRANKLIN.—At Farmington, last Tues. of April and December. PISCATAQUIS.—At Dover, 1st Tues. of April and December. AROOSTOOK.—At Houlton, 3d Tues. in Jan. and 1st Tues. in July.

Probate Courts in Massachusetts.

County of Suffolk.—At the Probate Office, in Court Square, Boston, every Monday in the year, except the 1st in each month.

County of Norfolk.—At Dedham, on the 1st Tuesday of every month. Quincy, on the 2d Tuesdays of February, May, and August. At Roxbury, on the 4th Tuesdays of February, May, August, and November. At Wrentham, on the 3d Tuesdays of May, August and November. At Medway, on the 3d Tuesdays of February, June, and October. (Established March, 1844.)

County of Middlesex.—At Cambridge, 2d Tuesdays in January and October, and the 3d Tuesdays in March, May, and November, and 1st Tues. of September. At Concord, on the 2d Tuesdays of February, April, August, and November. At Charlestown, on the 3d Tuesdays of February, and August. At Framingham, on the last Tuesdays of June and October. At Groton, on the 1st Tuesdays of May and November. At Lowell, on the 1st Tuesdays of June and December; and at Woburn, on the 4th Tuesday of April. (Established March, 1832.)

County of Worcester.—At Worcester, at the Probate Office, on the 1st Tuesday of every month. At Brookfield, on the 2d Tuesdays of May and Oct. At Lancaster, on the 3d Tuesdays of May and Oct. At Fitchburgh, on the Wednesday next after the 3d Tues. in May and Oct. At Templeton, on the Thursday next after the 3d Tuesdays in May and Oct. At Barre, on the Friday next after the 3d Tues. in May and Oct. At Mendon, on the 4th Tuesday in May. At Uxbridge, on the 4th Tuesday in Oct.

County of Essex.—At the Probate Office in Ipswich, on the 1st Tuesdays in February, March, May, June, August, September, November and

December. At Salem, 1st Tuesdays in January, April, July, and October, and the 3d Tuesdays in February, May, August, and November. At Newburyport, on the 2d Tuesdays in March, June, September and December. At Haverhill, on the 3d Tuesdays in April and October. At Gloucester, on the 2d Tuesdays in May and November. At Lynn, the Wednesday following the 1st Tuesdays in January and July. At Marblehead, the Wednesday following the 1st Tuesdays in April and October. At Andover, 3d Tuesdays in January and July. (Established 1832.)

County of Hampshire.—At Northampton, on the 1st Tuesday of each month. At Amherst, on the 2d Tuesdays of January and August. At Belchertown, on the 2d Tuesdays of May and October; and at Chesterfield, on the 3d Tuesdays of May and October.

County of Franklin.—At Greenfield, on the 1st Tuesday of November, the 2d Tuesdays of February, March, May, and October, on the 3d Tuesday of December, and on the 4th Tuesday of August. At Conway, on the 1st Tuesday of February, and 3d Tuesday of July. At Charlemont, on the 3d Tuesday of May and October. At Wendell, on the last Tuesday of April, and 3d of September. At Warwick, on the Wednesday next after the last Tuesday of April, and 3d Tuesday of September.

County of Hampden.—At Springfield, on the 1st Tuesday of January, February, March, April, May, July, September, November, and December. At Westfield, on the 2d Tuesdays of March and December, and the 1st Tuesdays of June and October. At Monson, on the 2d Tuesday of June, and at Palmer, on the 2d Tuesday of September. (Established March, 1843.)

County of Barnstable.—At Barnstable, on the 2d Tuesdays of January, March, September, and December, and on the 3d Tuesdays of May and June. At Sandwich, on the 2d Tuesday of November. At Falmouth, on the Wednesday next after the 2d Tuesday of November. At Yarmouth, on the 2d Tuesday of August. At Harwich, on the 3d Monday of April, and last Monday of October. At Brewster, on the Tuesday next after the 3d Monday of April, and on the Tuesday next after the last Monday of October. At Orleans, on the Wednesday next after the 3d Monday of April, and on the Wednesday next after the last Monday of October. At Truro, on the Thursday next after the 3d Monday of April. At Wellfleet, on the Thursday next after the last Monday of October; and at Provincetown on Friday next after the 3d Monday of April, and on the Friday next after the last Monday of October.

County of Plymouth.—At the Probate Office in Plymouth, the 3d Mondays of January, February, and May, 2d Mondays of April and August, and 1st Monday of December. At Scituate, 1st Tuesdays of March and June, and last Tuesdays of August and November. At East Bridgewater, 1st Tuesdays of April, July and October. At Middleborough, 1st Tuesday of May, and 1st Tuesdays of August and November. At Rochester, Wednesday next after the 1st Tuesday of May, and Wednesday next after the 1st Tuesday of November.

County of Bristol.—At Taunton, on the 1st Friday next after the 1st Tuesday of January, on the 1st Tuesdays of March and November, on the Friday next after the 1st Tuesday of June, and on the Friday next after the 1st Tuesday of August. At New Bedford, 1st Tuesday of February, June and December. At Freetown, on the 1st Tuesday of January. At Rehoboth, 1st Tuesday of April. At Dighton, on the Friday next after the 1st Tuesday of April and October. At Norton, 1st Tuesday of July. At Westport, 1st Tuesday of August. At Seekonk, 1st Tuesday of September. At Fall River, 1st Tuesday of October; and at Attleboro', 1st Tuesday of May.

County of Berkshire.—At Lenox, 1st Tuesdays and Wednesdays next after the 1st Tuesday of every month. At G. Barrington, on the 2d Tuesdays of February, May, August, and November. At Lanesboro', 2d Tuesdays of January, April, July and October. At Adams, on the Wednesdays next after the 2d Tuesdays of January, April, July, and October.

Dukes County.—At Tisbury, on the 3d Monday of January. At Edgartown, on the 3d Mondays of July and October.

County of Nantucket.—At Nantucket, 1st Saturday of every month.

LIST OF TOWNS IN MASSACHUSETTS, With their distances from Boston, and Number of Inhabitants; also their Representation in the General Court.

The figures in the columns show the number of Representatives to which each town is entitled by the amendment of the Constitution. Those towns with a dash (—) before the number are entitled to one representative that number of years in the next ten years.

Towns & Representation.	Dist. fr. B.	Pop. 1840.							
SUFFOLK Co.									
Boston,	35	83979	Marlborough,	1 28	2092	Shrewsbury,	1 40	1473	
Chelsea,	1	2182	Medford,	1 4	2275	Southboro',	—7 30	1134	
North Chelsea,*	2	86161	Natick,	1 17	1282	Southbridge,	1 70	1991	
			Newton,	1 9	3027	Spencer,	1 51	1557	
			Pepperell,	1 40	1541	Sterling,	1 39	1653	
			Reading,	1 14	2187	Surbridge,	1 70	1886	
			Sherburne,	—6 21	1014	Sutton,	1 46	2330	
			Shirley, **	—6 41	966	Templeton,	1 70	1745	
			S. Reading,	1 10	1500	Upton,	1 38	1479	
			Stonham,	—6 10	1007	Uxbridge,	1 38	1948	
ESSEX.			Stow,	1 24	1205	Warren,	1 65	1250	
Amesbury,	1 40	2530	Sudbury,	1 20	1376	Webster,	1 50	1346	
Andover,	2 20	4951	Tewksbury,	—5 24	830	Westborough,	1 34	1616	
Beverly,	2 17	4636	Townsend,	1 45	1764	W. Boylston,	1 45	1202	
Boxford,	—5 24	906	Tyngsboro',	—5 30	820	Westminster,	1 54	1660	
Bradford,	1 23	2153	Waltham,	1 11	2593	Winchendon,	1 60	1679	
Danvers,	2 15	5140	Watertown,	1 7	1896	Worcester,	3 40	7060	
Essex,	1 25	1432	Wayland,	—5 16	954				
Georgetown,	1 29	1553	W. Cambridge,	1 4	1338				93462
Gloucester,	3 30	6394	Westford,	1 28	1426	HAMPSHIRE.			
Hamilton,	—5 23	823	Weston,	—6 15	1053	Amherst,	1 91	2415	
Haverhill,	2 30	4373	Wilmington,	—5 14	831	Belchertown,	1 80	2505	
Ipswich,	1 27	2958	Woburn,	1 10	2931	Chesterfield,	1 105	1204	
Lynn,	4 9	9075				Cummington,	1 110	1214	
Lynnfield,	—4 12	689	WORCESTER.			Easthampton,	—4 90	724	
Manchester,	1 20	1266	Ashburnham,	1 55	1653	Enfield,	—5 75	931	
Marblehead,	2 16	5539	Athol,	1 72	1568	Goshen,	—3 105	563	
Methuen,	1 30	2232	Auburn,	—3 50	619	Granby,	—5 93	950	
Middleton,	—4 19	642	Barre,	1 58	2738	Greenwich,	—5 75	850	
Gloucester,	3 30	3389	Berlin,	—4 33	772	Hadley,	1 90	1840	
Newbury,	2 31	3389	Blackstone,†	1 35	2800	Hatfield,	—5 95	915	
Newburyport,	3 33	7124	Bolton,	—7 33	1182	Middlefield,	1 110	1395	
Rockport,	1 32	2738	Boylston,	—5 45	812	Northampton,	2 95	3672	
Rowley,	1 28	1230	Brookfield,	1 58	2306	Norwich,	—4 105	746	
Salem,	6 14	15162	Charlton,	1 60	2060	Pelham,	—6 85	1000	
Salisbury,	1 40	2696	Dana,	—4 65	685	Plainfield,	—5 110	926	
Saugus,	1 9	1202	Douglas,	1 47	1602	Prescott,	—4 81	781	
Topsfield,	—6 9	1067	Dudley,	1 55	1333	S. Hadley,	1 90	1422	
Wenham,	—4 21	693	Fitchburgh,	1 42	2570	Southampton,	—7 110	1458	
W. Newbury,	1 32	1553	Gardner,	1 58	1236	Ware,	1 70	1955	
			Grafton,	1 40	2877	Westhampton,	4 100	752	
MIDDLESEX.			Hardwick,	1 70	1775	Williamstown,	1 100	1299	
Acton,	—7 24	1126	Harvard,	1 35	1571	Worthington,	—7 110	1185	
Ashby,	1 50	1242	Holden,	1 51	1890				30392
Bedford,	—5 18	901	Hubbardston,	1 53	1764	FRANKLIN.			
Ashland,†	1 20	1527	Lancaster,	1 35	2013	Ashfield,	1 105	1579	
Billerica,	1 20	1527	Leicester,	1 46	1656	Barnardston,	—5 86	924	
Boxborough,	—2 25	440	Leominster,	1 46	2000	Buckland,	—6 105	1110	
Brighton,	1 5	1405	Lunenburg,	1 45	1218	Charlemont,	—7 110	1181	
Burlington,	—3 13	510	Mendon,	1 32	1200	Coleraine,	1 105	1930	
Cambridge,	3 3	8127	Milford,	1 30	1795	Conway,	1 100	1394	
Carlisle,	—3 20	563	Milbury,	1 45	2129	Dearfield,	1 98	1934	
Charlestown,	5 1	10872	N. Braintree,	—4 32	763	Erving,	—1 108	294	
Chelmsford,	1 26	1595	Northborough,	1 36	1221	Gill,	—4 90	778	
Concord,	1 18	1800	Northbridge,	1 45	1336	Greenfield,	1 95	1754	
Dracut,	1 30	2222	N. Brookfield,	1 60	1468	Hawley,	—5 120	931	
Dunstable,	—3 37	587	Oakham,	—6 62	1030	Heath,	—5 125	904	
Framingham,	1 21	2965	Oxford,	1 54	1656	Leverett,	—5 85	896	
Groton,	1 35	2035	Paxton,	—4 55	665	Leyden,	—4 100	646	
Holliston,	1 25	1734	Petersham,	1 66	1812	Monroe,	—1 103	260	
Hopkinton,	1 32	2262	Phillipston,	—5 58	877	Montague,	1 87	1288	
Lexington,	1 10	1559	Princeton,	1 46	1332	New Salem,	1 74	1275	
Lincoln,	—4 16	711	Royalston,	1 70	1635	Northfield,	1 94	1658	
Littleton,	—5 23	929	Rutland,	1 50	1275	Orange,	1 75	1492	
Lowell,	9 24	20981							
Malden,	1 4	2350							

* Divided off from Chelsea, in 1846, but the inhabitants voting as heretofore until next state census.

† Divided off from Hopkinton, Framingham and Holliston in 1846, but the inhabitants voting for State and United States officers, as heretofore, until 1850.

‡ Divided off from Mendon in 1845. ** Somerville divided off from Charlestown in 1842.

Rowe,	-4	130	700	Savoy,	-5	120	913	Taunton,	3	32	7524
Shelburne,	-6	100	1034	Sheffield,	1	125	2322	Westport,	1	60	2644
Shutesbury,	-6	90	997	Stockbridge,	1	130	1981				
Sunderland,	-4	90	698	Tyringham,	1	116	1402				59774
Warwick,	-7	80	1154	Washington,	-5	120	830	PLYMOUTH.			
Wendell,	-6	80	844	W. Stockbr.,	1	130	1330	Abington,	1	17	3144
Whately,	-6	92	1104	Williamstown,	1	130	2076	Bridgewater,	1	24	2081
				Windsor,	-5	128	872	Carver,	-6	38	999
			28759					Duxbury,	1	36	2741
HAMPDEN.							40882	E. Bridgew'r,	1	20	1944
Blandford,	1	116	1512	NORFOLK.				Halifax,	-4	32	739
Brimfield,	1	75	1434	Bellingham,	-6	26	1045	Hanover,	1	22	1478
Chester,	1	120	1412	Braintree,	1	8	2118	Hanson,	-6	24	1065
Granville,	1	120	1294	Brookline,	1	6	1123	Hingham,	1	14	3489
Holland,	-2	75	436	Canton,	1	14	1928	Hull,	-1	9	217
Longmeadow,	1	97	1266	Cohasset,	1	20	1411	Kingston,	1	32	1395
Ludlow,	1	90	1365	Dedham,	1	10	2157	Marshfield,	1	30	1664
Monson,	1	80	2102	Dorchester,	2	4	4458	Middleboro',	2	31	5006
Montgomery,	-4	110	656	Dover,	-3	14	514	N. Bridgew'r,	1	20	2625
Palmer,	1	82	2150	Foxborough,	1	24	1294	Pembroke,	1	23	1239
Russell,	-6	108	1000	Franklin,	1	26	1720	Plymouth,	2	30	5180
Southwick,	1	110	1211	Medfield,	-5	17	846	Plympton,	-5	32	861
Springfield,	5	97	11013	Medway,	1	20	2051	Rochester,	2	48	3986
Tolland,	-3	125	587	Milton,	1	7	1684	Scituate,	2	17	3720
Wales,	-4	80	718	Needham,	1	12	1479	Wareham,	1	54	2002
Westfield,	2	105	3640	Quincy,	1	8	3309	W. Bridgew'r,	1	24	1211
W. Springfield,	2	100	3707	Randolph,	1	15	2322				46786
Wilbraham,	1	89	1846	Roxbury,	3	2	8310	BARNSTABLE.			
			37339	Sharon,	-6	18	1066	Barnstable,	2	66	4297
BERKSHIRE.				Stoughton,	1	17	2062	Brewster,	1	88	1471
Adams,	2	120	3639	Walpole,	1	18	1465	Chatham,	1	85	2278
Alford,	-3	125	519	Weymouth,	2	11	3630	Dennis,	1	76	2792
Becket,	-7	110	1128	Wrentham,	1	14	2902	Eastham,	-5	89	944
Cheshire,	-5	120	954				50804	Falmouth,	1	72	2604
Clarksburg,	-2	125	403	BRISTOL.				Harwich,	1	79	2860
Dalton,	-7	120	1143	Attleborough,	2	28	3620	Orleans,	1	85	1953
Egremont,	-6	130	1036	Berkley,	-5	35	951	Provincetown,	1	116	2101
Florida,	-2	130	435	Dartmouth,	2	62	4091	Sandwich,	2	54	3620
G. Barrington,	1	125	2690	Dighton,	1	38	1417	Truro,	1	107	1916
Hancock,	-5	134	958	Easton,	1	22	2076	Wellfleet,	1	97	2306
Hinsdale,	-5	125	960	Fairhaven,	2	48	3985	Yarmouth,	1	70	2520
Lanesboro',	-6	125	1048	Fall River,	3	48	6451				31662
Lee,	1	120	2281	Freetown,	1	40	1757	DUKES.			
Lenox,	1	135	1323	Mansfield,	1	26	1346	Chilmark,	-3	92	544
Mt. Wash.,	-2	135	470	New Bedford,	5	52	12585	Edgartown,	1	91	1803
New Ashford,	1	111	229	Norton,	1	29	1554	Tisbury,	1	85	1513
N. Marlboro',	1	118	1619	Pawtucket,	1	38	2119				3860
Otis,	-7	110	1158	Raynham,	1	32	1319	NANTUCKET.			
Peru,	-3	118	610	Rehoboth,	1	37	2036	Nantucket,	4	100	9512
Pittsfield,	2	125	4060	Seekonk,	1	38	1831				
Richmond,	-6	130	1052	Somerset,	-6	42	1047				
Sandisfield,	1	112	1451	Swansey,	1	47	1421				

Population according to state census in 1830, 610,408; do. in 1840, 718,592. Increase in ten years, 108,184.

Each town not entitled to one Representative each year, may have an additional Representative each year in which the valuation of estates within the Commonwealth may be settled. Provided, nevertheless, no such town shall be entitled to more than one Representative in any one year.

AGRICULTURAL SOCIETIES IN MASSACHUSETTS.

J. G. Palfrey, Esq., Secretary of State, has prepared during the past year, agreeably to directions of the Legislature, an "Abstract of the Reports of Agricultural Societies in Massachusetts," with a copy of which we have been favored. From it we learn that there are in the state ten such societies, viz., the Massachusetts Society—Middlesex—Berkshire—Hampshire, Franklin and Hampden—Worcester—Essex—Plymouth County—Bristol County—Hampden County, and Barnstable County, and from the years 1817 to 1845, the sum of about \$116,000 was granted the several societies by the legislature. The Massachusetts Society was founded and incorporated 1792. It took measures for the institution of County Societies, and for the exhibition of domestic and other manufactures, and contributed to establishing a Professorship of Natural History, and the Botanical Garden, connected with the University at Cambridge. In 1818 were begun a series of public addresses by J. Lowell, J. Quincy, R. Sullivan, H. Colman, T. Pickering, J. C. Gray, E. Everett, and others. Addresses from such sources, attracted favor and attention to the noble objects of the institution.

AGRICULTURE AND HORTICULTURE.

A friend having attended the Agricultural meetings at the State House, composed of farmers and others, members of the legislature, and citizens generally, we give below a condensed statement of views of various persons, upon matters relating to farming and gardening; and as the subject is interesting, and the information recent, we lay portions of it before our readers.

THE ORCHARD.—Mr. Warren, of Brighton, thought the subject of raising fruit of great importance. The demand for it is greater than the supply. From experience, he had become convinced that the soil for orchards must be carefully prepared. The ground should be thoroughly trenched, and the whole soil dug up. No pains or expense should be spared in the outset. Many commit a great error in planting too deep. The trees should be planted on the top, the fibrous roots carefully spread out, and covered with soil. Many dig a large hole, and fill it with well-prepared manure, into which they put the trees. They flourish exceedingly well for two or three years, but at the end of that time cease growing. The reason Mr. Warren took to be this; the roots had spread out, and filled the part which had been prepared, but were unable to penetrate the hard soil beyond. They thus extended themselves in the confined space marked out, and soon became diseased. To remedy this evil, all the soil should be prepared, or, if that could not be done, the space around the roots should be further dug up, and extended at the end of two or three years.

PRUNING FRUIT TREES.—Mr. Warren advised the free use of the knife in pruning. The trees would bear earlier, and produce better fruit. He prunes pear trees twice almost every year, and the result is that he receives fruit instead of wood. It tends to throw the sap into the buds. The tree would be smaller, but would produce as much or more fruit. He observed, very justly, that in fruit trees the object was to produce, not wood, but fruit.

Mr. Earle, of Worcester, thought it a bad plan to prune peach trees too much, but was in favor of cutting, or heading in, when the trees had attained the proper size. He thought that nine times out of ten, where fruit trees are destroyed by frost, it is occasioned by their being too low. His method of pruning is, to cut off, every fall or spring, one half or two thirds of the growth of the previous year. This would prevent the trees from bearing too much fruit, and thereby greatly improve its quality. Peach trees, unlike other fruit trees, always bear on wood thrown out the year before. The leading, and not the side shoots, are the growing shoots, and should be used for budding.

PRESERVING FRUIT.—Mr. Russell, of Princeton, mentioned his method of preserving apples. He gathers them when they are about ready to fall, puts them into barrels, which he heads up, and places under a cool and open shed, where he lets them remain until they are in danger of freezing, when he removes them to the coolest part of his cellar. Whenever he wants the fruit for use, he opens the barrel, takes out what he wants, and heads it up again tight. Should there be any apples in the barrel inclined to rot, he throws them out. In this way he had kept apples two years in excellent condition.

Mr. Warren, in answer to an inquiry as to his mode of preserving apples, observed, that he picked them carefully, just before they were ripe enough to drop, and put them in casks or bins. No apple that falls is put with those intended for winter use. He had been in the habit of putting his choice fruit in Hingham buckets, placing them in a temperature of from 40 to 45 degrees, and watching them carefully from week to week. But where he wishes to preserve large quantities of apples he puts four, five, or six barrels into a bin, in a cool, dry, dark cellar. A building intended for an ice-house is a good place to preserve fruit; and the barrels may even be put upon a tier of ice. A temperature of about 34 degrees is best. He had been able to preserve Bartlett pears in this way until December, and even January. It is advisable to pick off some of the apples from the trees before they are ripe, and give them to the swine, as the remainder would

ripen and keep better. Care should be taken to lay away only smooth fruit. Apples can be preserved in saw-dust, but cork-dust is preferable. He had kept Porter apples until the 25th of November, in cork-dust.

PEACH TREES.—Mr. Clarke, of Sherburne, stated that from his own experience, he had found that peach trees would bear the winter much better if they had a northern exposure, and mentioned that during one of our late severe winters, the peach trees of some of his neighbors had been killed, whilst his own, with a northwest exposure, were not affected. He had found soap-suds of great benefit to his peach trees. It destroys a very small worm which is often found about the fibrous roots. One of his neighbors informed him that it was this worm which caused the leaves to curl, and turn black. Ashes is also a remedy for this evil.

NATIVE GRAPES UNDER CULTURE.—Mr. Clark spoke of the cultivation of wild fruits. He stated that several years ago, he discovered a grape vine growing by the side of the road, which bore white grapes. This vine he transplanted to his garden. It grew well, and altered much, both in color and flavor. The Sweetwater grape is of fine flavor, but is very uncertain. So also with the Isabella. But the native grape above alluded to, has the advantage of being perfectly hardy, ripening early, and of equal flavor.

GRAFTING TREES.—Mr. Earle thought old trees might be grafted without much difficulty, if the stock is vigorous. All the top should not be cut off the first year. There is a great difference between making grafts live, and making them grow well. It sometimes happens that a man who works by the job at grafting, warranting the scions to live, sets the scion so that the bark crosses with that of the stock. In this manner they would be more likely to live, but would be of slow growth. The true way is, to adjust the bark very carefully with that of the stock. The stock should be in a vigorous condition when grafted.

Mr. Earle spoke of a scrubby, worthless pear tree, in Worcester, which was grafted with the Bartlett, and is now a valuable tree.

TRANSPLANTING TREES.—Mr. Cole observed, that large trees may be transplanted as well as smaller ones, if proper pains is taken, and too many of the roots are not cut off. He had transplanted a pear tree which was forty years old. Some persons have recommended setting fruit trees forty feet apart. This was allowing for the room which they would require when they had attained their full growth. But he thought twenty feet apart was sufficient. By the latter course, there being double the number of trees, the quantity of fruit would be greatly increased. At the end of fifteen or twenty years, the least promising trees could be cut down, or, as was subsequently observed by Mr. Warren, transplanted as above recommended.

VALUE OF AN ORCHARD.—Mr. Leonard, of Marshfield, advised every mechanic who owned an acre of land, to supply it with fruit trees. The fruit would always bring a good price in the market, and, when perfectly ripe, was very wholesome for children. In 1835, he had an acre of pasture land, worth about \$15 or \$20. He removed the large rocks with which it was covered, and set out thirty-six apple trees, which flourished exceedingly well, and had since well paid him for his trouble. The land is now worth about \$200. He recommended, as a wash for trees, a pound of potash to a pailful of water.

VARIETIES OF FRUIT.—Mr. Warren said that many persons failed in producing good fruit from varieties which others recommend, owing to a want of attention to the soil and mode of cultivation which such varieties require.

TIME OF GATHERING.—All agreed that the manner of gathering fruit was worthy of strict attention. It must be done with care, while the fruit was dry, and no bruised or defective fruit put into the barrels. The time recommended varied from 20th of September to the fore part, and even in some instances the latter part of October. Mr. Newhall, of Lynfield, particularly recommended the 20th of September. Mr. Cole stated that fruit would keep well to gather it before ripe, but its flavor was not so good. Mr. Warren recommended gathering it just before ripe.

—We hope to give further reports of remarks made at these meetings in future numbers.

RAILROADS IN MASSACHUSETTS AND THE ADJOINING STATES.

RAILROADS.	Length in miles.	COST.	GROSS RECEIPTS.			EXPENSES.			NET EARNINGS.			ANNUAL DIVIDENDS.		
			1843.	1844.	1845.	1843.	1844.	1845.	1843.	1844.	1845.	1843.	1844.	1845.
Western, ...	156	\$7,742,000	\$573,900	\$753,700	\$813,480	\$253,800	\$314,000	\$370,621	\$290,100	\$439,700	\$442,859	—	3 per ct.	5 per ct.
Boston and Worcester, ...	44	2,914,000	384,000	428,400	487,455	206,600	233,200	249,729	177,400	195,200	237,726	6 per ct.	7½ "	8 "
Eastern, ...	55	2,400,000	279,500	337,200	350,150	104,600	109,300	116,840	174,900	227,000	233,310	7½ "	7½ "	8 "
Norwich and Worcester, ...	63	2,170,000	154,000	230,700	204,308	68,700	75,100	89,621	85,300	155,600	114,687	—	3 "	3 "
Boston and Lowell, ...	26	1,932,600	277,000	316,900	356,067	109,300	165,600	179,042	163,000	151,900	177,025	8 "	8 "	8 "
Boston and Providence, ...	42	1,964,000	233,300	333,700	350,629	125,400	113,800	152,502	107,900	169,900	197,827	6 "	6 "	7 "
Boston and Maine, ...	55	1,936,000	179,000	233,100	287,063	91,800	127,600	154,100	87,200	105,300	132,963	6 "	6½ "	7 "
N. Bedford, ...	21	453,600	50,600	65,000	78,211	22,300	24,200	29,383	28,300	40,800	48,828	6 "	6 "	7 "
Nashua and Lowell, ...	14	500,000	84,000	94,600	112,680	40,000	59,600	48,010	44,000	35,000	64,670	8 "	10 "	9 "
Taunton Branch, ...	11	250,000	74,300	96,700	116,540	51,400	71,500	100,890	22,900	25,200	15,650	8 "	8 "	8 "
Fitchburg, ...	49	1,477,000	—	Nov.	203,998	—	—	78,333	—	—	125,663	—	—	4, 6 mos.
Old Colony, ...	37	—	opened	Nov.	1845.	—	—	—	—	—	—	—	—	—
	578	\$23,739,200	2,239,900	2,840,000	3,360,579	1,103,900	1,293,300	1,569,371	1,186,000	1,545,800	1,791,208	—	—	—

NOTE.—In addition to the above, there are other Railroads and branches which have been completed during the last year, or which are in the process of construction, as follows:—The Old Colony was opened in Nov. '45.—The Connecticut River road—a consolidation of the Northampton and Springfield and the Greenfield and Northampton roads—(35 miles) cost, so far, about \$500,000, was opened in December '45 from Springfield to Northampton, about 17 miles. Since this portion of the road was opened, cars have been in constant operation, running three trips a day each way.—The Hartford and Springfield road (26 miles) is operated by the Hartford and New Haven Railroad Co.—The Pittsfield and North Adams road (18½ miles) is under contract.—The Lexington and West Cambridge road was opened in August, 1846.—The Worcester and Nashua road (4½ miles) is also about to be put under contract.—The Stoughton Branch was put in operation in April '46.—The Fall River Branch has been united with the Middleboro' and the Randolph and Bridgewater roads; the three form what is called the "United Corporation."—The average fare on these roads is about 24 to 3 cents per mile, and the speed about 20 miles per hour.

REMARKS.—The above are all the railroads incorporated in this State, which are completed and in operation, or upon which the work of construction has been commenced. The table exhibits the cost of those which are actually completed, and the results of three years' operation, with the exception of the Fitchburg, which has been completed but one year. All these together give us nearly 750 miles of railroad, at a cost of more than \$30,000,000. The extent and probable cost of the additional roads which have been chartered by the Legislature, cannot now be stated with any accuracy.

The Providence and Worcester Railroad, chartered both in this State and Rhode Island, and organized, is in a good state of progress. The Vermont and Massachusetts Railroad, also chartered, an extension of the Fitchburg road, is partially located, and under contract.—The Berkshire Railroad is in the possession and use of the Housatonic Railroad Company, under mortgage and lease.—The Charlestown Branch Railroad has been purchased by the Fitchburg Railroad Company, and is therefore a defunct corporation. It was originally established (ten years ago) as a branch to the Lowell road, and was afterwards extended to Fresh and Spy Ponds, when it became distinguished as an ice road, and has had the effect of increasing that business four-fold. Its actual cost was \$339,750. The Fitchburg company paid, or are to pay, \$264,250, and the dividends which the stockholders have received amount to \$46,250—so that the result of the ten years' operation of the Charlestown Branch Railroad is, that the company have lost \$29,050, or about 10 per cent. on the capital stock.

POETRY, ANECDOTES, &c.

APRIL-FOOLING A YANKEE.

Written for the Almanac.

FOUNDED ON FACT

Mr. A., an American merchant, who was residing at Liverpool in the prosecution of his business, became acquainted with a British manufacturer, whom we shall call Mr. B., and they became very intimate together.

In the latter part of March, Mr. B. asked Mr. A. if he would come and dine with him on a certain day, which he named, and try some old Madeira that he had been keeping for many years; and particularly requested him to "come early." Mr. A., who had not then the correct notion of temperance matters that he has happily since adopted, told him "he would come with pleasure." Accordingly, on the appointed day, he appeared at his friend's house, but was informed by his servant "that Mr. B. had left town, and would not be back until 10 at night;" and left word that if Mr. A. called he should be told "it was the first day of April."

"Oho!" said Mr. A., nothing disconcerted, "well! well! then do as I tell you, and if there is any trouble I will bear all blame."

Mr. A. then requested the man to prepare matters for a good dinner for six, and he would send home the articles for the entertainment, and invite the guests.

While the man was thus busy, Mr. A. went to the several places where he knew his friend bought his provisions, and ordered home every delicacy the market afforded, and in sufficient abundance for the company.

He then, after all was prepared, went among his friends in the city and invited five of them to come and dine with him at his friend B.'s. He told them his friend was absent from the city, but would be home in the evening.

The company were easily assembled for such an occasion, and when they had discussed the viands and a fair proportion of the old Madeira of Mr. B., Mr. A. told them of his friend's attempt to "April-Fool" him; and while they were all laughing at the manner in which the American merchant had paid his English friend in his own coin, the hour often arrived, and, lo! in came the unconscious host to his merry guests.

He was all amazement, but, upon being informed that it was "April-fool day," he joined heartily in the festivities of the occasion, and laughed as loud as the loudest.

The company separated in good humor, Mr. B. arranging to meet his friend in the morning.

In the morning they met, and the Englishman acknowledged himself "beat," and frankly told his American friend that "the next time he played 'hide and go seek' again he would not choose a Yankee for his game."

"Well," said Mr. A., "I'll be generous! We had a fine time of it, and though you are bound to 'foot the bills,' I will pay one half of all except the old Madeira."

"There," said Mr. B., "is the hardest part of the joke to take quietly. I don't blame you for anything but that. It was "April-fooling" me a little too extensively for you to drink my old East India Madeira; but never mind, I'll be a temperance man in future, so it will be no loss on the whole."

SPEED THE PLOUGH.

SONNET AND ACROSTIC.

Spring, balmy Spring! returns with smiling face,
Princess of seasons! See th' industrious plough
Emerges from its winter covering, now,
Enters earth's yielding breast—leaves there its trace
Deep in the soil—and onward moves apace!
There is the ploughboy! mark the ruddy glow
Haste to his cheek, as with joyous brow,
Eager once more, he takes his wonted place.
Pastures again the lowing herds invite,
Luxuriant in the green of Spring arrayed;
Orchards are blossoming, and landscapes bright
Unveil to view, through valley, hill, and glade!
Gladsome is earth! nor should aught else be sad;
Haste then the plough! and bid the earth be glad.

E. C. K.

KINDNESS IN CONVERSATION.

"There is no way," says Rev. Horace Hooker, "in which good can be done to others with so little expense and trouble as by kindness in conversation. 'Words,' it is sometimes said, 'cost nothing;' but kind words are often more highly valued than the most costly gifts, and they are always regarded as among the best tokens of a desire to make others happy."

SONG.

BY WILLIAM CULLEN BRYANT.

O stream, forever fresh and full,
That gleamest through the plain!
For thee the punctual spring returns,
To steep thy banks with rain;
And when thy latest blossoms die
In autumn's chilly showers,
The winter fountains gush for thee,
Till May brings back the flowers.
O Stream of Life! the violet springs
But once beside thy bed;
But one brief summer on thy path
The dews of heaven are shed.
Thy parent fountains shrink away
And close their crystal veins,
And where thy glittering waters ran,
The dust alone remains.

GOOD REASONS FOR POLITICAL DIS- TINCTION.

Paul Polltax was a quiet, inoffensive fellow, not overburdened with intellect, but still with some glimmering hope of future glory in the political line; for Paul had taken, and, bless his memory, had paid for, the county newspaper for many years; besides, he had been appointed vote distributor to more than one town meeting, and had paid moreover his capitation tax, and "why was not he as good as the Squite?" One day Paul went to Farmer B——, one of the committee chosen to nominate candidates for Representatives in the town of D——. He found the worthy farmer in his cornfield, and asking him to *step aside*, as he had something particular to say to him, frankly asked the committee man to put the name of Paul Polltax upon the nomination list; "for," says he, suiting the action to the word, and putting his hand to his shoulder, "this rheumatiz of mine is so bad I can't lay stone wall nor split rails, and I could go just as well as not; and though I can't make speeches, to be sure, I've got as good a suit of clothes as any of them."

THE FARMER.

BY J. J. BAKER.

A farmer's life is the life for me,
I own I love it dearly;
And every season, full of glee,
I take its labors cheerly—
To plough or sow,
To reap or mow,
Or in the barn to thrash, sir,
All's one to me,
I plainly see
'T will bring me health and cash, sir.

The lawyer leads a harassed life,
Much like that of hunted otter;
And 'tween his own and others' strife,
He's always in hot water—
For foe or friend,
A cause defend,
However wrong, must he, sir—
In reason's spite,
Maintain 'tis right,
And dearly earn his fee, sir.

The doctor's styled a gentleman,
But this I hold but humming—
For like a tavern waiting-man,
To every call "he's coming,"
Now here, now there,
Must he repair,
Or starve, sir, by denying—
Like death himself,
Unhappy elf,
He lives by others' dying.

A farmer's life then let me live,
Obtaining, while I lead it,
Enough for self, and some to give
To such poor souls as need it.
I'll drain and fence,
Nor grudge expense,
To give the land good dressing—
I'll plough or sow,
Or drill in row,
And hope from Heaven a blessing.

WINTER.

BY ELIZA COOK.

We know it is good that old Winter should come,
Roving awhile from his Lapland home;
'T is fitting that we should hear the sound
Of his reindeer sledge on the slippery ground.

For his wide and glittering cloak of snow
Protects the seeds of life below;
Beneath his mantle are nurtured and born
The roots of the flowers and germs of the corn.

The whistling tows of his pure strong breath
Ride purging the vapors of pestilent death;
I love him, I say, and I vow it again,
For God's wisdom and might show well in his train.

But the naked,—the poor! I know they quail
With crouching limbs from the biting gale;
They pine and starve by the fireless hearth,
And weep as they gaze on the frost-bound earth.

Stand forth, ye prosperous ones of the land,
With kindly heart and bounteous hand;
Remember 't is now their season of need,
And a prayer for help is a call ye must heed.

He is not worthy to hold from Heaven
The trusts reposed, the talents given,
Who will not add to the portion that's scant,
In the pinching homes of cold and want.

EDUCATION.

Education is a better safeguard of liberty than a standing army. If we retrench the wages of the schoolmaster, we must raise those of the recruiting sergeant.—*Edward Everett.*

NEWSPAPER.

This name is derived not from the word new, but from

N.
E.—W.
S.

which it was usual in old times to put at the head of periodical publications, indicating that the information was derived from the four quarters of the globe.

DEFINITION OF RIGGING.

"Permit me to pick up this piece of your rigging, Miss," said a polite sea-captain to a lively young lady, handing her a gay ribbon that had accidentally fallen. "Rigging, captain? what do you call that?" said the lady. "Rigging, Miss," replied the captain, "is what we put upon our graceful vessels to make them more useful, more beautiful, and more *sailable*."

What is that that will surfeit you, if you do not swallow it?

AMERICAN WOMEN.

M. De Tocqueville, a French traveller in this country, says: "As for myself I do not hesitate to avow, that, although the women of the United States are confined within the narrow circle of domestic life, and their situation is, in some respects, one of extreme dependence, I have nowhere seen women occupying a loftier position; and if I was asked, now I am drawing to the close of this work, ("Democracy in America.") in which I have spoken of so many things done by the Americans, to what the singular prosperity and growing strength of that people ought to be attributed, I should reply—to the superiority of their women.

PROCRASTINATION AND PROMPTITUDE.

Undue procrastination indicates that a man does not see his way clearly; undue precipitation, that he does not see it at all. True promptitude and true caution lead to the same result. The wise man bides his time; but when the time comes he springs to his mark at once; therefore—

Shun delays, they breed remorse;

Take thy time while time is lent thee;

Creeeping snails have weakest force;

Fly thy fault, lest thou repent thee;

Good is best when soonest wrought;

Lingering labors come to nought.

Holst up sail while gale doth last,

Tide and wind wait no man's pleasure;

Seek not time when time is past;

Sober speed is wisdom's leisure;

After wits are dearly bought,

Let thy forewit guide thy thought.

GEN. WASHINGTON AND LORD ERSKINE.

The following note was found among the papers of the late Lord Erskine:

To General Washington.—Sir: I have taken the liberty to introduce your august and immortal name in a short sentence, which is to be found in the book I send to you.

I have a large acquaintance among the most valuable and exalted class of men, but you are the only human being for whom I ever felt an awful reverence. I sincerely pray to God to grant a long and serene evening to a life so gloriously devoted to the universal happiness of the world.

T. ERSKINE.

MAGNIFICENT TELESCOPE.

An English nobleman, (Lord Rosse) has had a telescope constructed which has a reflector, whose diameter is six feet. It collects therefore all the rays of light which fall upon a circular area six feet in diameter and pours them upon the eye. It is equivalent to an eye, whose pupil is two yards across.

Parents who wish to train up their children in the way they should go, must go in the way in which they would train up their children.

Every man has in his own life follies enough, in his own mind troubles enough, in the performance of his duties deficiencies enough, without being curious about the affairs of others.

Answer to the Problem on p. 2 of our last.
157326849—the square root of which is 12543; by A. F. of P—l—m.

Answer to the New Charade in our last.

The first is *Peas*—an useful plant,

The second, an industrious *Ant*,

The whole derived from such a source

A *Peasant* then must be of course.

N. H—s of P—e.

Answer to the Anagram in our last.

Heroine: by N. H—s of P—e, and J. N. M. of B—n, and F. C. C. of J. c—y, and M. A. F. of P—t—m, and W. H. B., Jr. of L—n—g, and E. L. P. of S—n, and Al—a of W—s, and H. J. M. of S—y.

Answer to the Arithmetical Question in our last.

Circumference of outer circle 62.8318 feet: by W. H. P. of Ch—n, (R. I.) Also answered by F. C. C. of J—y, C—y, and A. F. of P—l—m, and J. N. M. of B—n.

PROBLEM A.

What proportion must the height of a cylindrical pail bear to the diameter, that the pail may contain the greatest quantity of water with the least superficies?

F. C. C.

PROBLEM B.

A man being offered a piece of land in any shape he might choose, as large as he could enclose with a mile of fence, chose that of a square. What shape would have been most for his advantage, and what did he lose by his ignorance?

J. N. M.

PROBLEM C.

A farmer going to Boston with an 8 gallon keg was asked by two of his neighbors to procure for them four gallons of vinegar each, with which he filled the keg, agreeably to order. Upon taking it to them he found one of them had a measure holding 5 gallons and the other a measure holding 3 gallons, and there being no other measures to be had, he poured from measure to measure, using likewise the keg, until he gave each neighbor his four gallons. How did he contrive it?

ENIGMA.

Three words, containing in all 18 letters.

The 1st, 8th and 16th, An Eastern Plant.

3, 10, 17, 2, 8, 11, 1, A law term used in regard to a kind of real estate.

7, 11, 17, 3, A spice.

4, 3, 8, 1, A portion of the body used in walking.

16, 9, 3, 14, An open surface.

13, 5, 9, 12, A kind of earth.

13, 8, 3, 12, A part of a ship.

The whole an useful and entertaining publication, which the reader is sure to have seen.

AL—A of Wells.



**CITIES, TOWNS, AND VILLAGES passed through by Railroads from Boston,
with the Distances of the various stations from that city.**

OLD COLONY R. R.	Russell	116	Dedham Plain	8½	Wells	81	
BOSTON TO PLYM'TH.	Chester Village	119	" Village	10½	Kennebunk	86	
Dorchester	3	Chester Factory	126	Canton	14	Saco	96
Neponset	5	N. Becket	135	Sharon	17½	Scarborough	104
Quincy	8	Washington	138	Foxboro'	21½	Portland	109
N. Braintree	10	Hinsdale	143	Mansfield	24		
W. Braintree	11	Dalton	146	Perims	36		
S. Weymouth	14	Pittsfield	151	Seekonk	39	EASTERN R. R.	
Abington	18	Shaker village	156	Providence	42	Lynn	9
S. Abington	20	Richmond	159	Kingston	66	Salem	14
Hanson	24	State line	162	Westerly	85	Beverly	16
Halifax	28	Canaan, N. Y.	167	Stonington	90	Wenham	20
Plympton	29	E. Chatham	172	Boston to Taunton	35	Ipswich	25
Kingston	33	Chatham	177	" " N. Bedf'd	55	Rowley	29
Plymouth	37	Kinderhook	184			Newburyport	34
		Schoodach	192	BOSTON & MAINE		Salisbury	36
WORCESTER R. R.	Greenbush & }		R. R.			Seabrook	40
Brighton	5	Albany }	Somerville	2		Hampton	44
Angier's Corner	7		Malden	5		Greenland	49
Newton	9	LOWELL, NASHUA,	N. Malden	7		Portsmouth	54
Needham	13	& CONCORD R. R.	S. Reading	10		Kittery, Me.	55
Natick	17	Medford	Reading	12		S. Berwick	66
Framingham	21	S. Woburn	Wilmington junc-			N. "	72
Hopkinton	24	Wilmington	tion, (Wilmington,)	15		Wells	77
Southboro'	28	Richardson's	Ballardvale	21		Kennebunk	82
Westboro'	32	Billerica	Andover	23		Saco	92
Grafton	38	Lowell	N. Andover	26		Scarboro'	100
Worcester	44	Middlesex	Bradford	31		Portland	105
		Chelmsford	Haverhill	32			
WESTERN R. R.		Tyngsboro'	Plaistow	37		FITCHBURG R. R.	
Clappville	53	Little's	Newtown	40		W. Cambridge	6
Charlton	57	Nashua	E. Kingston	44		Waltham	10
Spencer	62	Thornton's	Exeter	49		Weston	13
E. Brookfield	64	Reed's Ferry	S. Newmarket	53		Lincoln	16
S. "	67	Goff's Falls	Newmarket	56		Concord	20
W. "	69	Manchester	Durham	61		Acton	25
Warren	73	Hooksett	Madbury	63		Littleton	31
Palmer	83	Concord	Dover	66		Groton	35
N. Wilbraham	89		Somersworth	69		Shirley Village	40
Wilbraham	92	PROVIDENCE }	Berwick	70		Leominster	46
Springfield	98	STONINGTON }	S. "	71		Fitchburg	50
W. "	100	Roxbury	N. "	76			
Westfield	108	Jamaica Plain					

THE NEW POSTAGE BILL.

WE give, in a condensed form, the rates of postage upon Letters, Pamphlets, and Newspapers, and other information connected with the subject, as regulated by Congress in the bill which went into operation July 1, 1845.

LETTERS—Single, or any number of pieces, not exceeding half an ounce, 300 miles or less, 5 cents,—if over 300 miles, 10 cents. Drop letters, not mailed, 2 cents.—Single postage added for each additional half ounce, or part thereof.

NEWSPAPERS—Of 1900 square inches or less, sent by editors or publishers, from their offices of publication, any distance not exceeding 30 miles, FREE. Over 30 miles, and not exceeding 100, 1 cent,—over 100 miles and out of the state, 1 cent and ½. All sizes over 1900 square inches, postage same as pamphlets.

PAMPHLETS, Magazines, and Periodicals, any distance, for one ounce or less, 2 cents. For each additional ounce, or fractional part thereof, 1 cent and ½.

CIRCULARS—Quarto post, single cap, or paper not larger than single cap folded, directed and unsealed, for every sheet, 2 cents.—Money for newspaper subscriptions, not exceeding ten dollars, may be paid to a postmaster, for the purpose of being paid to the publisher of a newspaper at any other office, the receipt of the postmaster receiving being good against the postmaster where the money is due, after advice has been forwarded.—Postmasters cannot frank letters containing subscriptions as heretofore.—When subscribers refuse to take out papers, &c., postmasters are now, as heretofore, required to notify editors, and may frank letters containing such notice.—All Government postage to be paid for out of the Treasury.—Private posts for carrying Newspapers, are allowed.—No private mails, for the regular transmission of letters over mail routes, to be allowed, under heavy penalties.

The name of the person and place should be written very plainly upon letters, with the state, and where the place is not well known, the county. Any memorandum upon newspapers, or upon the wrappers, subjects the same to letter postage, which is calculated by weight, as above stated.

TABLE OF SIMPLE INTEREST AT SIX PER CENT.

Principal.		1 Week.		1 Month.		1 Year.		Principal.		1 Week.		1 Month.		1 Year.		
		D. c. m.		D. c. m.		D. c. m.				D. c. m.		D. c. m.		D. c. m.		
Cts.	20	0	0	0	0	1	2	Dolls.	9	0	1	0	0	4	5	54
	30	0	0	0	1	1	8		10	0	1	1	0	5		60
	40	0	0	0	1	2	4		20	0	2	5	0	10		1 20
	50	0	0	0	2	3	0		30	0	3	7	0	15		1 80
	60	0	0	0	2	3	6		40	0	5	0	0	20		2 40
	70	0	0	0	3	4	2		50	0	6	2	0	25		3 00
	80	0	0	0	3	4	8		60	0	7	5	0	30		3 60
	90	0	1	0	4	5	4		70	0	8	7	0	35		4 20
	Dolls.	1	0	1	0	5	6		0	80	0	10	0	0	40	
2		0	1	1	0	12	0	90	0	11	2	0	45		5 40	
3		0	2	1	5	18	0	100	0	12	5	0	50		6 00	
4		0	4	2	0	24	0	200	0	25	0	1	00		12 00	
5		0	5	2	5	30	0	300	0	37	5	1	50		18 00	
6		0	6	3	0	36	0	400	0	50	0	2	00		24 00	
7		0	7	3	5	42	0	500	0	62	5	2	50		30 00	
8		0	9	4	0	48	0	600	0	75	0	3	00		36 00	

TABLE OF INTEREST PER DAY, at 6 per cent.,

On any number of dollars from One to Twelve Thousand.

Prin.	Int.	Prin.	Int.	Prin.	Interest.	Prin.	Interest.	Prin.	Interest.
Dol.	m.	Dol.	m.	Dol.	D. c. m.	Dol.	D. c. m.	Dol.	D. c. m.
1	016	25	411	49	808	73	1 200	97	1 595
2	033	26	427	50	822	74	1 216	93	1 611
3	049	27	444	51	838	75	1 233	99	1 627
4	066	28	460	52	855	76	1 249	100	1 644
5	082	29	477	53	871	77	1 266	200	3 288
6	099	30	493	54	888	78	1 282	300	4 932
7	115	31	510	55	904	79	1 299	400	6 575
8	132	32	526	56	921	80	1 315	500	8 219
9	143	33	542	57	937	81	1 332	600	9 863
10	164	34	559	58	953	82	1 348	700	11 507
11	181	35	575	59	970	83	1 364	800	13 151
12	197	36	592	60	986	84	1 381	900	14 795
13	214	37	608	61	1 003	85	1 397	1000	16 438
14	230	38	625	62	1 019	86	1 414	2000	32 877
15	247	39	641	63	1 036	87	1 430	3000	49 315
16	263	40	658	64	1 052	88	1 447	4000	65 753
17	269	41	674	65	1 068	89	1 463	5000	82 192
18	279	42	690	66	1 085	90	1 479	6000	98 630
19	312	43	707	67	1 101	91	1 496	7000	1 15 068
20	329	44	723	68	1 118	92	1 512	8000	1 31 507
21	345	45	740	69	1 134	93	1 529	9000	1 47 945
22	362	46	756	70	1 151	94	1 545	10000	1 64 384
23	378	47	773	71	1 167	95	1 562	11000	1 80 822
24	395	48	780	72	1 184	96	1 578	12000	1 97 260

N. B. Many persons do not readily understand the above Table. We give the following examples:

What is the interest on 735 dollars for one day, at 6 per cent.?

Against 700 dollars, ... ,11507
and against 35 dollars 575

Which added are cents, the ,12082 answer.

What is the interest on 735 dollars for 200 days? 200

Twenty-four dolls. sixteen cts. and 4 mills. 24,16,400

Where the interest is at the rate of seven per cent. per year, add one sixth to the product,—of eight per cent., add two sixths, &c. Where at the rate of 5 per cent., deduct one sixth,—of four per cent., deduct two sixths, &c.

A short and easy Method of casting Compound Interest at six per cent.

RULE.—Multiply the given sum, if

For 2 years, by 1.1236

For 3 years, by 1.191016

For 4 years, by 1.262476

For 5 years, by 1.338225

For 6 years, by 1.418519

For 7 years, by 1.503630

For 8 years, by 1.593848

For 9 years, by 1.689478

For 10 years, by 1.790847

For 11 years, by 1.898298

Note.—This will give the amount of principal and compound interest for the given number of years. Subtract the principal from the amount, and it will show the compound interest. Any sum of money at compound interest will double itself in eleven years, ten months and twenty-two days.

POPULATION OF THE U. STATES, ACCORDING TO SIX ENUMERATIONS,
With the square miles of each State in round numbers,—the number of Electors
and Representatives for each State, and date of admission to the Union.

For the Representatives a State is entitled to, deduct two (for Senators) from the Electors.

STATES.	SQ'RE MILES.	Elect's	Date of admis- sion to Un.	1810.	1820.	1830.	1840.	Slaves in 1840.
Maine, . . .	32,400	9	1820	223,705	293,335	399,555	501,793	—
N. Hampshire,	9,500	6		214,360	244,161	262,328	284,574	1
Massachusetts,	7,500	12		472,040	523,287	610,408	737,699	—
Rhode Island,	1,300	4		77,031	83,059	97,199	108,830	5
Connecticut, .	4,800	6		262,042	275,208	297,675	309,978	17
Vermont, . . .	10,200	6	1791	216,713	235,764	280,652	291,948	—
New York, . .	46,000	36		959,049	1,372,812	1,918,608	2,428,921	4
New Jersey, .	8,000	7		245,555	277,575	320,823	373,306	674
Pennsylvania,	46,200	26		810,091	1,049,458	1,343,233	1,724,033	64
Delaware, . .	2,100	3		72,674	72,749	76,748	78,085	2,605
Maryland, . .	11,000	8		380,546	407,350	447,940	469,232	89,495
Dist. of Colum.	100	—		24,022	33,039	39,834	43,712	4,694
Virginia, . . .	64,000	17		974,622	1,065,379	1,211,405	1,239,797	448,987
North Carolina,	48,000	11		555,500	638,829	737,987	753,419	245,817
South Carolina,	28,000	9		415,115	502,741	581,185	594,398	327,038
Georgia, . . .	62,000	10		252,433	340,987	516,823	691,392	280,944
Kentucky, . .	40,000	12	1792	406,511	564,317	687,917	779,828	182,258
Tennessee, . .	42,000	13	1796	281,727	422,813	681,904	829,210	183,059
Ohio, ...	41,000	23	1802	230,760	581,434	937,903	1,519,467	3
Indiana, . . .	36,000	12	1816	24,520	147,178	343,031	685,866	3
Mississippi, .	46,000	6	1817	40,352	75,448	136,621	375,651	195,211
Illinois, . . .	56,500	9	1818	12,288	55,214	157,445	476,183	331
Louisiana, . .	47,000	6	1812	76,556	153,407	215,739	352,411	165,219
Missouri, . .	70,000	7	1821	20,845	66,586	140,455	383,702	58,240
Alabama, . . .	54,000	9	1819	—	127,901	309,527	590,756	253,532
Michigan, . .	61,000	5	1836	4,762	8,896	31,639	212,267	—
Arkansas, . .	55,000	3	1836	—	14,273	30,388	97,574	19,935
Florida, . . .	56,000	—	1845	—	—	34,730	54,477	25,717
Wisconsin, . .	92,000	—	Terr'y	—	—	—	30,945	11
Iowa, ...	174,000	—	do.	—	—	—	43,112	16
Texas, ...	—	—	1846	—	—	—	—	—
Total, ...	—	—	—	7,280,314	9,638,131	12,866,020	17,062,566	2,483,880
Seamen in the United States service, January 1, 1840, ...	—	—	—	—	—	—	6,100	Slaves in 1830.
Grand Total, ...	—	—	—	—	—	—	17,068,666	2,010,436

Total population of United States in 1790, 3,929,827; in 1800, 5,305,925. Popula-
tion of the different States in 1790 and 1800:—Maine, 96,540—151,719; New Hamp-
shire, 141,899—183,762; Massachusetts, 378,717—123,245; Rhode Island, 69,110—
69,122; Connecticut, 238,141—251,002; Vermont, 85,416—154,465; New York,
340,120—586,756; New Jersey, 184,139—211,949; Pennsylvania, 434,373—602,365;
Delaware, 59,096—64,273; Maryland, 319,728—341,543; Virginia, 748,308—880,200;
North Carolina, 393,751—478,103; South Carolina, 219,073—345,591; Georgia,
82,548—162,101; Kentucky, 73,077—220,555; Tennessee, 35,791—105,602. In 1800,
District of Columbia, 14,093; Ohio, 45,365; Indiana, 4,375; Mississippi, 8,850;
the other States not enumerated.

POPULATION OF CITIES AND TOWNS IN 1840—1845 OR 1846.

New York, ...	312,710	Lowell, (1846.) . .	28,841	Hartford, ...	12,793
Philadelphia, . .	205,850	Rochester, N. Y. ('45)	25,097	Utica, N. Y., . . .	12,782
Boston, (1845,) . .	114,366	Troy, (1845,) . . .	21,631	New Bedford, (1845)	12,500
Baltimore, ...	102,313	Pittsburg, ...	21,115	Cambridge, (1845,) .	12,490
New Orleans, . . .	102,193	Richmond, ...	20,153	Bangor, (1845,) . . .	11,690
Brooklyn, N. Y. ('45)	59,000	Buffalo, N. Y., . . .	18,213	Worcester, (1845,) . .	11,556
Cincinnati, ...	46,348	New Haven, (1845,) .	17,674	Springfield, ...	11,115
Louisville, (1845,) .	38,000	Salem, (1845,) . . .	16,697	Norfolk, ...	10,920
Albany, ...	33,721	Portland, (1846,) . .	17,000	Norwich, Ct. (1845,) .	9,556
Providence, (1845,) .	31,751	St. Louis, ...	16,469	Newburyport, (1846,) .	8,107
Washington, (1845,) .	30,000	Charlestown, (1846,) .	14,404	Hallowell, ...	5,000
Charleston, ...	29,261	Roxbury, (1845,) . .	13,929	Natchez, ...	4,800

GARDENING.—Mr. Colman, in his report on English Agriculture, states that gar-
dening near London is made a substantial science; and young men are as carefully
educated in its various departments as in any of the learned professions, and receive
a patronage according to their skill and merits.

A TABLE

For foretelling the Weather through all the Lunations of each Year, forever.

This table and the accompanying remarks are the result of many years' actual observation, the whole being constructed on a due consideration of the attraction of the sun and moon, in their several positions respecting the earth, and will by simple inspection show the observer what kind of weather will most probably follow the entrance of the moon into any of its quarters, and that so near the truth as to be seldom or never found to fail.

If the new moon, the first quarter, the full moon, or the last quarter happens,	IN SUMMER.		IN WINTER.	
Between midnight and 2 in the morning,	Fair.		Hard frost, unless the wind is S. or W.	
— 2 and 4, morning,	Cold with frequent showers.		Snowy and stormy.	
— 4 and 6, “	Rain.		Rain.	
— 6 and 8, “	Wind and Rain.		Stormy.	
— 8 and 10, “	Changeable.		Cold rain, if the wind be W., snow if E.	
— 10 and 12, “	Frequent showers.		Cold, and high wind.	
At 12 o'clock at noon, and 2 P. M.,	Very rainy.		Snow or rain.	
Between 2 and 4 P. M.,	Changeable.		Fair and mild.	
— 4 and 6, “	Fair.		Fair.	
— 6 and 8, “	Fair, if wind N. W. Rainy, if S. or S. W.		Fair and frosty, if the wind is N. or N. E. Rain or snow, if S. or S. W.	
— 8 and 10, “	Ditto.		Ditto.	
— 10 and midnight,	Fair.		Fair and frosty.	

Observations.—1. The nearer the time of the moon's change, first quarter, full and last quarter, are to *midnight*, the fairer will the weather be during the seven days following.

2. The space for this calculation occupies from ten at night till two next morning.

3. The nearer to *midday*, or *noon*, the phases of the moon happen, the more foul or wet weather may be expected during the next seven days.

4. The space for this calculation occupies from ten in the forenoon to two in the afternoon. These observations refer principally to the summer, though they affect spring and autumn nearly in the same ratio.

5. The moon's change, first quarter, full and last quarter, happening during six of the afternoon hours, i. e. from four to ten, may be followed by fair weather; but this is mostly dependent on the *wind*, as is noted in the table.

6. Though the weather, from a variety of irregular causes, is more uncertain in the latter part of autumn, the whole of winter, and the beginning of spring, yet, in the main, the above observations will apply to those periods also.

7. To prognosticate correctly, especially in those cases where the *wind* is concerned, the observer should be within sight of a good *vane*, where the four cardinal points of the heavens are correctly placed.

The above table was originally formed by Dr. Herschell, and is now published with some alterations founded on the experience of Dr. Adam Clarke.

NEW HAMPSHIRE.

RAIL ROADS.—The Legislature of New Hampshire, at the session of 1846, chartered the following Rail Roads: The Souhegan; the Peterboro' and Shirley; the Ashuelot; the Sullivan; and the East Wilton and Groton.

MILITIA LAWS.—Important additions and amendments were made to these in an Act, which provides for an annual inspection the Third Tuesday in May, and those who appear personally at this, are entitled to 50 cents upon conforming to the provisions of the act. Other alterations of the old Militia Laws are made.

MANUFACTURES.—Charters have been granted for several manufacturing companies, which it is hoped will benefit all classes in the state.

FEEDING OF CATTLE.

The following table gives the relative quantity of sustenance in a few of the principal articles of provender:—

100 pounds of Hay are equal to the following quantities of other provender:—

275 lbs. of green Indian Corn.	46 lbs. of Wheat.
442 “ Rye Straw.	59 “ Oats.
164 “ Oat Straw.	45 “ Beans.
153 “ Pea Straw.	64 “ Buckwheat.
201 “ Raw Potatoes.	57 “ Indian Corn.
175 “ Boiled Potatoes.	63 “ Acorns.
239 “ Mangel Wurtzel.	105 “ Wheat Bran.
504 “ Turnips.	109 “ Rye Bran.
54 “ Rye.	

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